

acadience™ math

Concepts and Applications

Level 3 | Progress Monitoring

Teacher Key

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These are photocopy masters for student worksheets. Make one copy for each student who will be tested.

Scoring Direction



Right to Left

or

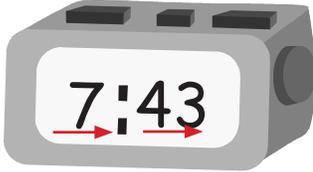


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 1 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:



correct digits

1	1
2	2
3	3

2. Write the fraction for the shaded parts:

$$\frac{1}{4}$$



exact answer, points per box

1	1
2	2

3. Round...

Number	...to the nearest 10	...to the nearest 100
559	560	600
673	670	700
771	770	800
243	240	200

exact answer, points per box

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

4. A bag of pens is split among 5 people. Each person got 3 pens. How many pens were in the bag at the start?

$$\underline{15} \div 5 = 3$$

correct digits

1	2
2	4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{2}{3}$	>	$\frac{1}{3}$
$\frac{8}{10}$	>	$\frac{2}{10}$

exact answer, points per box

1	2
2	4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 1 / Teacher Key**

6. Kerry bought 1 gallon of milk last week and 2 gallons of milk this week. How much milk did she buy all together?

3 gallons.

correct digits 1 | 3

7. Natalie makes 8 bird houses a day. How many bird houses has she made after 2 days? 16 bird houses.

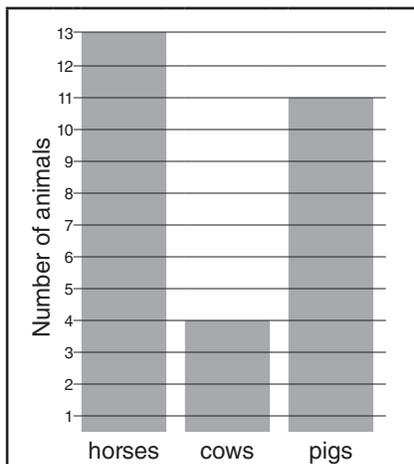
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$2 = \frac{2}{1}$ or equivalent $9 = \frac{9}{1}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. How many more horses are there than cows? 9 horses.

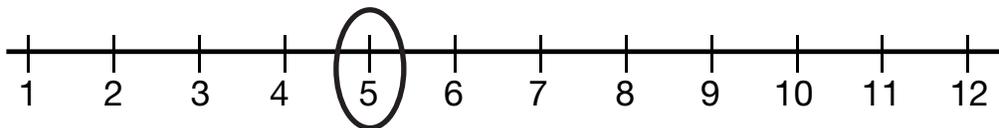


correct digits 1 | 4

10. Etta reads 2 books each week. How many weeks will it take her to read 12 books? 6 weeks.

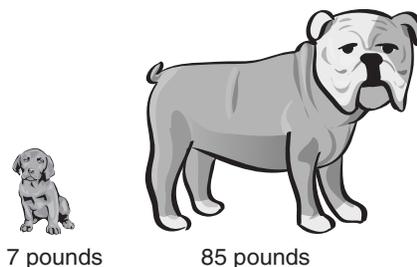
correct digits 1 | 4

11. Circle where $\frac{5}{1}$ is on the number line:



exact answer, 1 | 1
points per segment 2 | 2
(correct number circled)

12. The small dog is 7 pounds and other is 85 pounds. How much do the dogs weigh together? 92 pounds.



correct digits 1 | 2
2 | 5

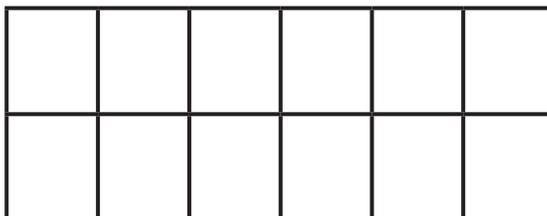
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 1 / Teacher Key**

13. Luke needs to buy 51 eggs for his bakery. He buys 24 brown eggs and 23 white eggs. How many eggs does he still need to buy?

4 eggs.

correct digits 1 | 11

14. What is the area of the rectangle?



12 units²

exact answer,
points per line 1 | 1

15. There are 7 friends. Each friend has 9 paints and 5 paint brushes. How many is that in total?

$$7 \times (9+5) = \underline{98}$$

correct digits 1 | 4
2 | 9

16. Jack starts a chore at 3:45pm. He works for 15 minutes. What time does he finish? 4:00 p.m.



correct
digits
1 | 1
2 | 2
3 | 3

17. Solve:

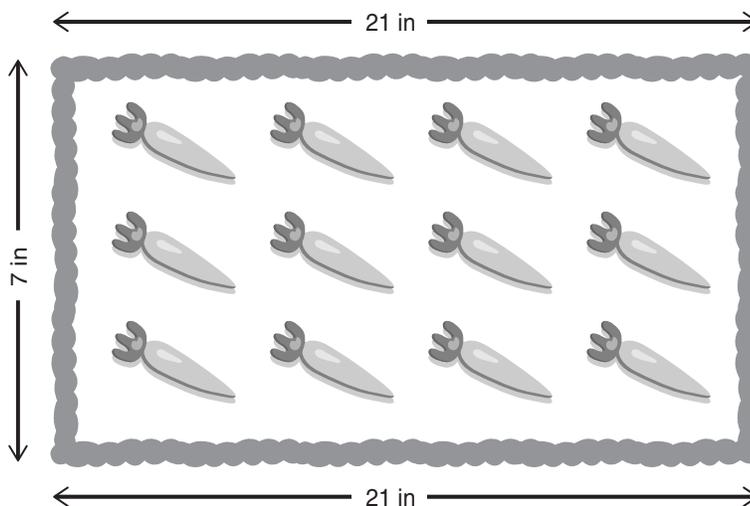
$$6 \times 4 \times 2 = \underline{48}$$

correct digits 1 | 4
2 | 9

18. Sophia has a cake for her birthday.

What is the perimeter of the cake?

56 inches.



correct digits 1 | 4
2 | 8

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19. The shoes cost 8 times as much as the socks. The socks cost \$10. How much are the shoes and the socks together?

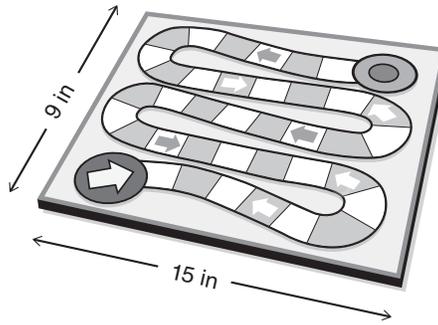
\$ 90

correct digits 1 | 5
2 | 11

20. Cortez is playing a board game with his friend.

What is the area of the board?

135 in².



correct digits 1 | 2
2 | 4
3 | 6

Scoring Direction



Right to Left

or



Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 2 / Teacher Key

Total: _____

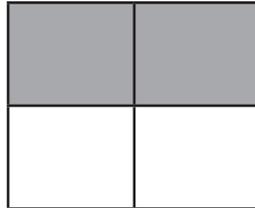
1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:

$$\frac{2}{4}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
765	770	800
448	450	400
169	170	200
935	940	900

exact answer, 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
points per box 8 | 8

4. A bag of chips was split among 7 people. Each person got 2 chips. How many chips were in the bag at the start?

$$\underline{14} \div 7 = 2$$

correct digits 1 | 2
2 | 4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{6}{12}$	>	$\frac{2}{12}$
$\frac{4}{5}$	>	$\frac{1}{5}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 2 / Teacher Key**

6. One cup has 2 ounces of juice. The other cup has 7 ounces of juice. How much juice is in both cups?

9 ounces.
←

correct digits 1 | 3

7. Sue reads 7 books each day. How many books does she read after 3 days? 21 books.
←

correct digits 1 | 2
2 | 4

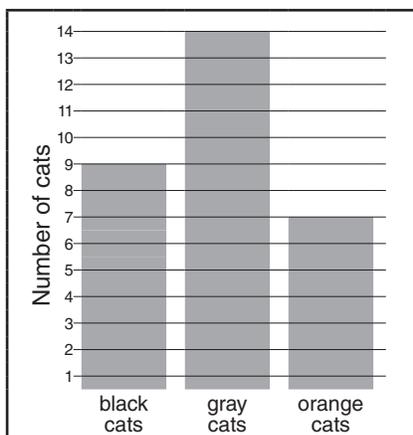
8. Write the fraction for the whole number:

$$5 = \frac{5}{1} \text{ or equivalent} \quad 2 = \frac{2}{1} \text{ or equivalent}$$

exact answer, 1 | 1
2 | 2
3 | 3
points per box 4 | 4

9. There are lots of cats. How many fewer black cats are there than gray cats?

5 fewer black cats.
←

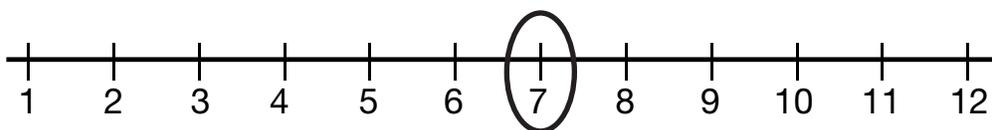


correct digits 1 | 4

10. Sam eats 7 grapes each day. How many days will it take him to eat 42 grapes? 6 days.
→

correct digits 1 | 4

11. Circle where $\frac{7}{1}$ is on the number line:



exact answer, points per segment (correct number circled) 1 | 1

12. The cup had 20 ounces of water in it. Adam drank 3 ounces of water. How many ounces of water are left? 17 ounces.
←



20 ounces

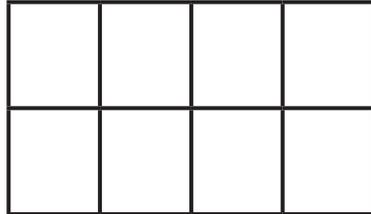
correct digits 1 | 2
2 | 5

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Level 3 / Progress Monitoring 2 / Teacher Key**

13. The bus will pick up 48 children. At one stop, 24 children get on the bus. At the next stop, 12 children get on. How many more children does the bus still have to pick up? 12 children.

correct digits 1 | 12

14. What is the area of the rectangle?



8 units²

exact answer,
points per line 1 | 1

15. There are 5 friends. Each friend has 3 red marbles and 9 blue marbles. How many is that in total?

$$5 \times (3+9) = \underline{60}$$

correct digits 1 | 4
2 | 9

16. Rose started her game at 6:45 pm. She played for 30 minutes. What time does she finish her game? 7:15 p.m.



correct
digits
1 | 1
2 | 2
3 | 3

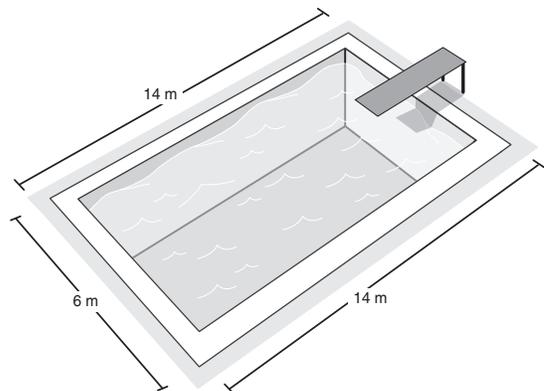
17. Solve:

$$7 \times 3 \times 3 = \underline{63}$$

correct digits 1 | 4
2 | 9

18. Some friends swim in the pool. What is the perimeter of the pool?

40 meters.



correct digits 1 | 4
2 | 8

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 2 / Teacher Key

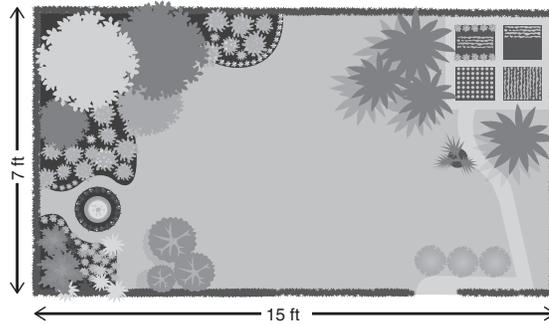
19. A coat costs 5 times as much as a hat. The hat costs \$11. How much are they together?

\$ 66

correct digits 1 | 5
2 | 11

20. Sheila and her friends play in the yard. What is the area of the yard?

105 ft².



correct digits 1 | 2
2 | 4
3 | 6

Scoring Direction

←

Right to Left

or

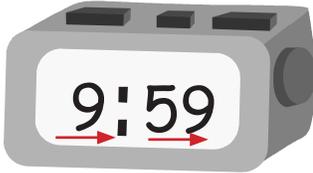
→

Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 3 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:



correct digits $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \end{array}$

2. Write the fraction for the shaded parts:

$$\frac{4}{8}$$



exact answer, $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \end{array}$
points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \end{array}$

3. Round...

Number	...to the nearest 10	...to the nearest 100
858	860	900
743	740	700
731	730	700
347	350	300

exact answer, $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \\ 5 & 5 \\ 6 & 6 \\ 7 & 7 \\ 8 & 8 \end{array}$
points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \\ 5 & 5 \\ 6 & 6 \\ 7 & 7 \\ 8 & 8 \end{array}$

4. A bag of prizes is split among 2 people. Each person got 6 prizes. How many prizes were in the bag at the start?

$$\frac{12}{2} \div 2 = 6$$

correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{2}{4}$	>	$\frac{1}{4}$
$\frac{1}{5}$	<	$\frac{4}{5}$

exact answer, $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$
points per box $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 3 / Teacher Key**

6. One kitten is 6 pounds and the other is 2 pounds. How much do both kittens weigh in pounds?

8 pounds.

correct digits 1 | 3

7. Weston sews 8 hats a day. How many hats can he sew after 9 days? 72 hats.

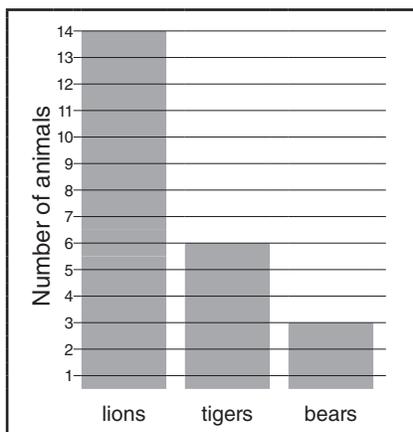
correct digits 2 | 4

8. Write the fraction for the whole number:

$8 = \frac{8}{1}$ or equivalent $9 = \frac{9}{1}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. How many more lions are there than bears? 11 more lions.

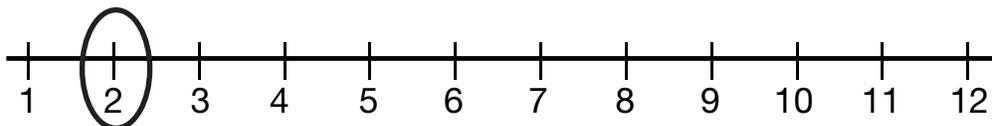


correct digits 2 | 5

10. Tucker drinks 3 cups of milk each day. How many days will it take him to drink 27 cups? 9 days.

correct digits 1 | 4

11. Circle where $\frac{2}{1}$ is on the number line:



exact answer, 1 | 1
points per segment 2 | 5
(correct number circled)

12. Anna's water bottle has 35 ounces of water in it. She takes a sip and drinks 3 ounces. How many ounces are now in the bottle? 32 ounces.



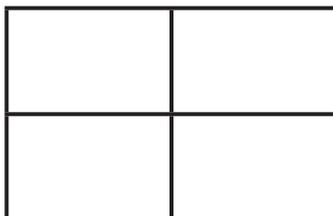
correct digits 2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 3 / Teacher Key**

13. Sage owns a farm. She has 22 white cows and 14 brown cows. Today she bought 19 black cows. How many cows does she have all together? 55 cows.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



4 units²

exact answer,
points per line $\begin{array}{l} 1 \\ 1 \end{array}$

15. There are 6 kids. Each kid has 4 red trucks and 3 blue trucks. How many is that in total?

$$6 \times (4+3) = \underline{42}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

16. Sasha takes her dog for a walk at 11:45am. She walks for 30 minutes. What time does she finish? 12:15 p.m.



correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array} \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array}$

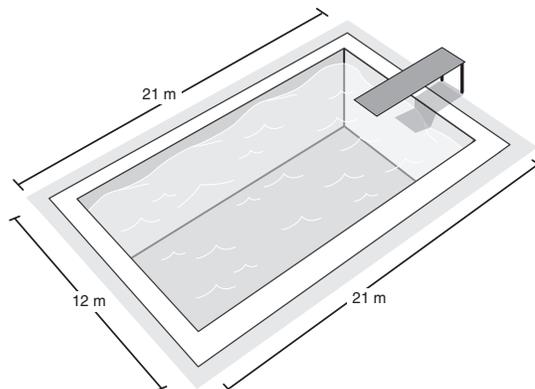
17. Solve:

$$2 \times 7 \times 3 = \underline{42}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

18. Some friends swim in the pool. What is the perimeter of the pool?

66 meters.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 5 \\ 10 \end{array}$

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 3 / Teacher Key

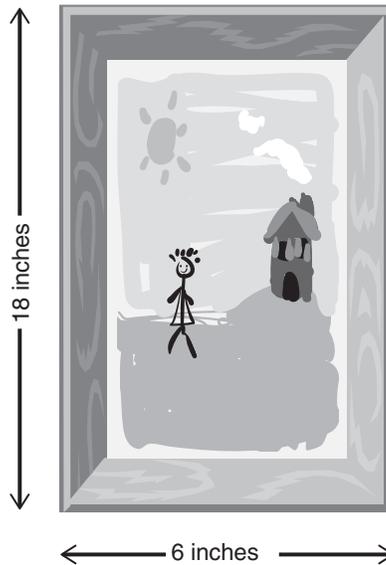
19. A ball costs 5 times as much as a shirt. The shirt costs \$8. How much are they together?

\$ 48

correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 9 \end{array}$

20. Fisher made a painting for his dad. What is the area of the painting?

108 in².



correct digits $\begin{array}{r|l} 1 & 2 \\ 2 & 4 \\ 3 & 6 \end{array}$

Scoring Direction



Right to Left

or

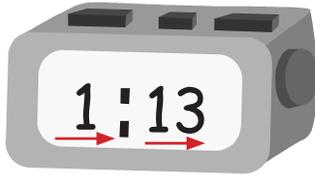


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 4 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:

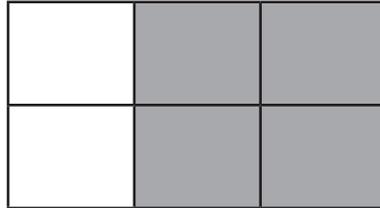


correct digits

1	1
2	2
3	3

2. Write the fraction for the shaded parts:

$$\frac{\boxed{4}}{\boxed{6}}$$



exact answer,

1	1
2	2

points per box

2	4
---	---

3. Round...

Number	...to the nearest 10	...to the nearest 100
452	450	500
420	420	400
259	260	300
266	270	300

exact answer,

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

points per box

8	8
---	---

4. 3 friends shared a bag of lemon drops. Each friend got 5 lemon drops. How many lemon drops were in the bag at the start?

$$\underline{15} \div 3 = 5$$

correct digits

1	2
2	4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{5}{8}$	<	$\frac{7}{8}$
$\frac{4}{6}$	>	$\frac{2}{6}$

exact answer,

1	2
2	4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 4 / Teacher Key**

6. The dog is 7 pounds. The cat is 5 pounds. How much do both the dog and cat weigh together?

12 pounds.

correct digits 1 | 3

7. Amy gets \$6 for each dog she walks. She walks 7 dogs. How much money does she earn? \$ 42 .

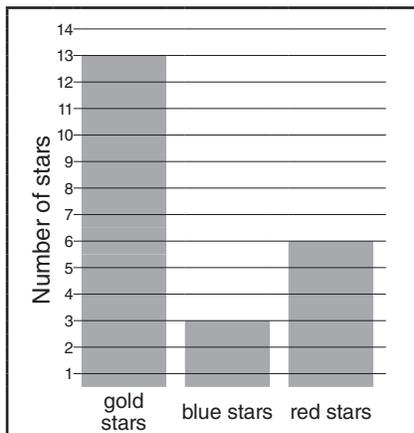
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$6 = \frac{6}{1}$ or equivalent $8 = \frac{8}{1}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. Martin is counting stars. How many fewer red stars are there than gold stars? 7 fewer red stars.

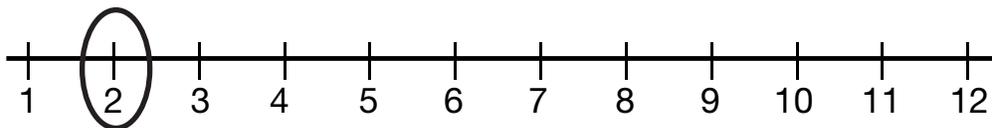


correct digits 1 | 4

10. Linda can draw 7 birds each day. How many days will it take her to draw 49 birds? 7 days.

correct digits 1 | 4

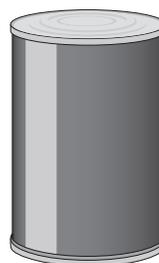
11. Circle where $\frac{2}{1}$ is on the number line:



exact answer, 1 | 1
points per segment 2 | 2
(correct number circled)

12. One can of dirt was 4 ounces. The other can was 85 ounces. How much did the two cans of dirt weigh together?

89 ounces.



85 ounces



4 ounces

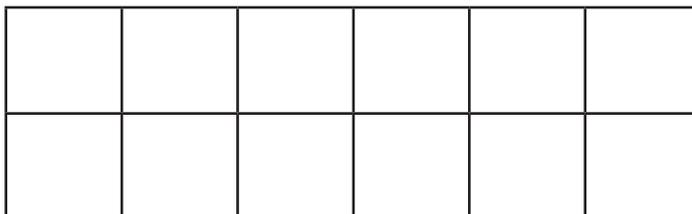
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 4 / Teacher Key**

13. One day Victor saw 29 bugs. The next day he saw 23 bugs. The day after that he saw 20. How many bugs did Victor see altogether? 72 bugs.

correct digits $\begin{array}{l|l} 1 & 4 \\ 2 & 8 \end{array}$

14. What is the area of the rectangle?



12 units²

exact answer,
points per line $\begin{array}{l|l} 1 & 1 \end{array}$

15. There are 7 children. Each child has 4 toy cars and 4 toy trucks. How many toys is that in total?

$$7 \times (4+4) = \underline{56}$$

correct digits $\begin{array}{l|l} 1 & 3 \\ 2 & 7 \end{array}$

16. Jamie plays ball at the park. Her mom dropped her off at 1:45 pm and she played for 45 minutes. What time should her mom pick her up? 2:30 p.m.



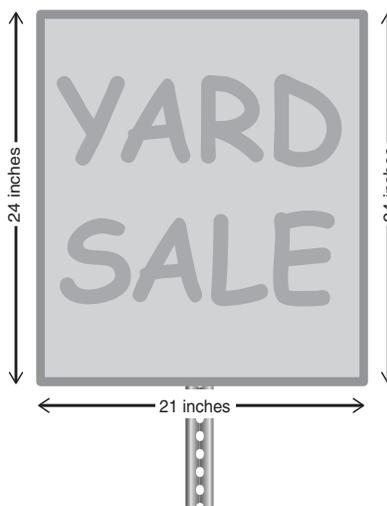
correct
digits $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \end{array}$

17. Solve:

$$7 \times 4 \times 3 = \underline{84}$$

correct digits $\begin{array}{l|l} 1 & 4 \\ 2 & 9 \end{array}$

18. Josh saw a sign on his walk. What is the perimeter of the sign? 90 inches.



correct digits $\begin{array}{l|l} 1 & 5 \\ 2 & 10 \end{array}$

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 4 / Teacher Key

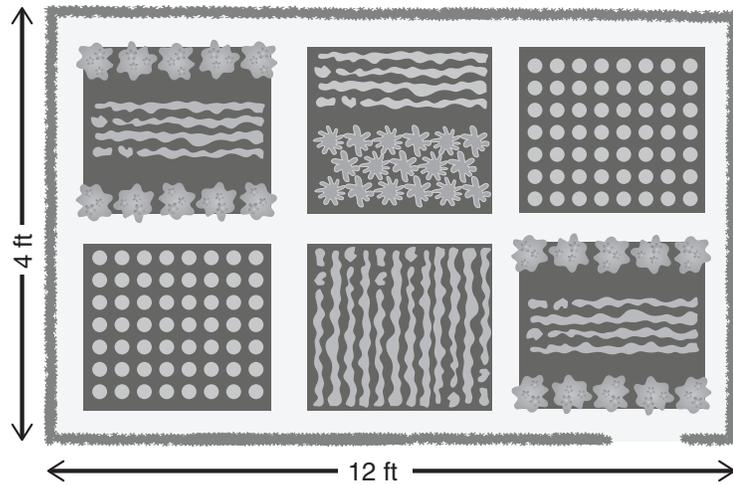
19. The shoes cost 3 times as much as the socks. The socks cost \$4. How much are the shoes and socks together?

\$ 16

correct digits $\begin{array}{l|l} 1 & 4 \\ 2 & 9 \end{array}$

20. Maya helps her mom in the garden. What is the area of the garden?

48 ft².



correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 5 \end{array}$

Scoring Direction



Right to Left

or

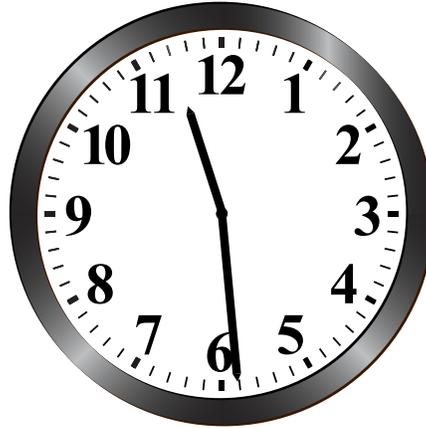


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 5 / Teacher Key

Total: _____

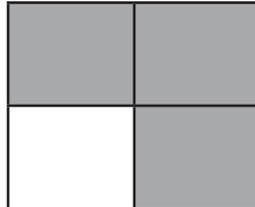
1. Fill in the time on the digital clock:



1 | 1
2 | 2
3 | 3
4 | 4
correct digits

2. Write the fraction for the shaded parts:

$$\frac{\boxed{3}}{\boxed{4}}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
461	460	500
571	570	600
155	160	200
358	360	400

1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
8 | 8
exact answer,
points per box

4. A box of books is split among 7 people. Each person got 5 books. How many books were in the box at the start?

$$\underline{35} \div 7 = 5$$

1 | 2
2 | 4
correct digits

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{1}{9}$	<	$\frac{7}{9}$
$\frac{10}{11}$	>	$\frac{3}{11}$

1 | 2
2 | 4
exact answer,
points per box

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 5 / Teacher Key**

6. One frog is 5 grams and the other is 4 grams. How much do both frogs weigh in grams?

9 grams.
←

correct digits 1 | 3

7. Heath eats 6 eggs a week. How many eggs has he eaten after 9 weeks? 54 eggs.
←

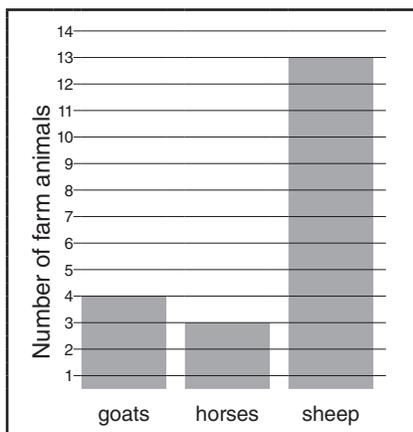
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$3 = \frac{\boxed{3}}{\boxed{1}}$ or equivalent $7 = \frac{\boxed{7}}{\boxed{1}}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. How many fewer goats are there than sheep? 9 fewer goats.
←

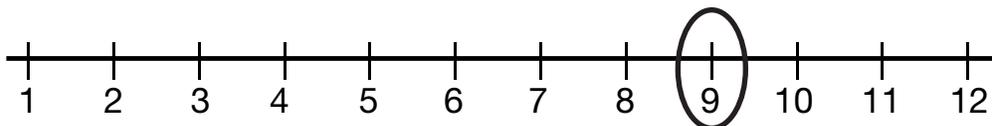


correct digits 1 | 4

10. Elsa plants 5 seeds a day. How many days will it take her to plant 30 seeds? 6 days.
→

correct digits 1 | 4

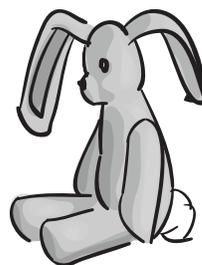
11. Circle where $\frac{9}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 2 | 5

12. The toy mouse is 8 grams. The toy bunny is 37 grams. How much do the two toys weigh together?

45 grams.
←



37 grams



8 grams

correct digits 1 | 2
2 | 5

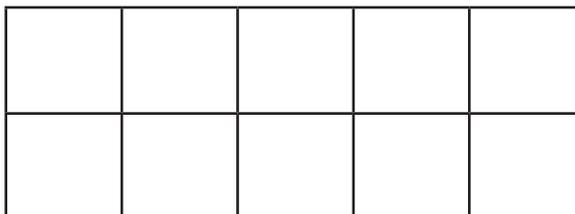
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 5 / Teacher Key**

13. Eugene has 57 star stickers and 14 cat stickers. Today he bought 11 dog stickers. How many stickers does he have in all?

82 stickers.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



10 units²

exact answer,
points per line $1 \bigg| 1$

15. There are 5 friends. Each friend has 9 toys and 7 books. How many is that in total?

$$5 \times (9+7) = \underline{80}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 4 \\ 9 \end{array}$

16. Savannah goes to the park at 2:45pm. She plays for 1 hour. What time does she finish? 3:45 p.m.



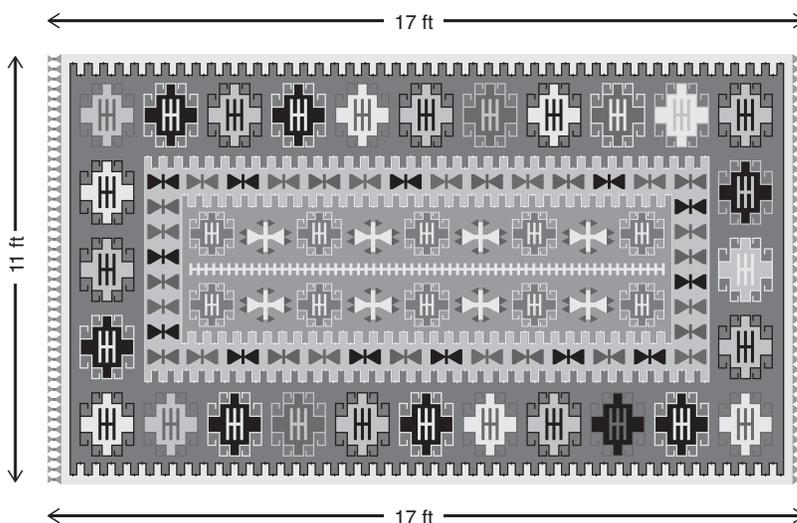
correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \bigg| \begin{array}{l} 1 \\ 2 \\ 3 \end{array}$

17. Solve:

$$3 \times 6 \times 5 = \underline{90}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 4 \\ 9 \end{array}$

18. Elliott got a new rug for his house. What is the perimeter of the rug? 56 feet.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 5 \\ 10 \end{array}$

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 5 / Teacher Key

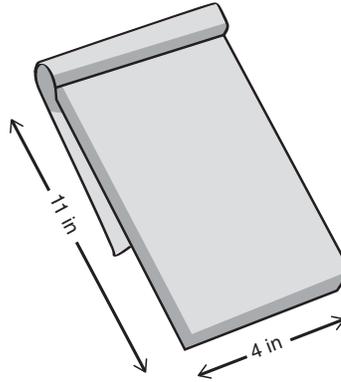
19. A book costs 9 times as much as a card. The card costs \$4. How much are they together?

\$ 40
←

correct digits $\begin{array}{l|l} 1 & 4 \\ 2 & 9 \end{array}$

20. Forrest just got a new book for painting. What is the area of the book?

44 in².
←



correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 5 \end{array}$

Scoring Direction

←

Right to Left

or

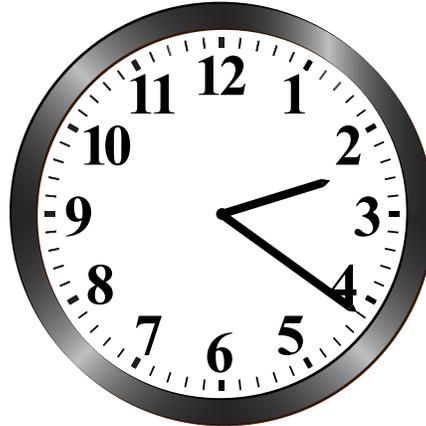
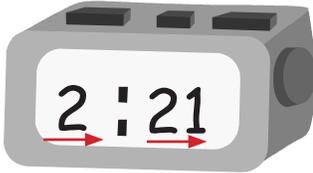
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Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 6 / Teacher Key

Total: _____

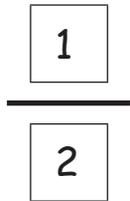
1. Fill in the time on the digital clock:



correct digits

1	1
2	2
3	3

2. Write the fraction for the shaded parts:



exact answer,

1	1
2	2

points per box

2	4
---	---

3. Round...

Number	...to the nearest 10	...to the nearest 100
166	170	200
918	920	900
443	440	400
819	820	800

exact answer,

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

points per box

8	8
---	---

4. 4 friends share a bag of candy beans. Each friend gets 7 candy beans. How many candy beans were in the bag at the start?

$$\underline{28} \div 4 = 7$$

correct digits

1	2
2	4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{7}{11}$	>	$\frac{5}{11}$
$\frac{3}{7}$	>	$\frac{2}{7}$

exact answer,

1	2
2	4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 6 / Teacher Key**

6. One rock is 7 grams and the other is 6 grams. How much do both rocks weigh together?

13 grams.
←

correct digits 1 | 2
2 | 4

7. Leah can draw 5 pictures a day. How many pictures can she draw in 9 days? 45 pictures.
←

correct digits 1 | 2
2 | 4

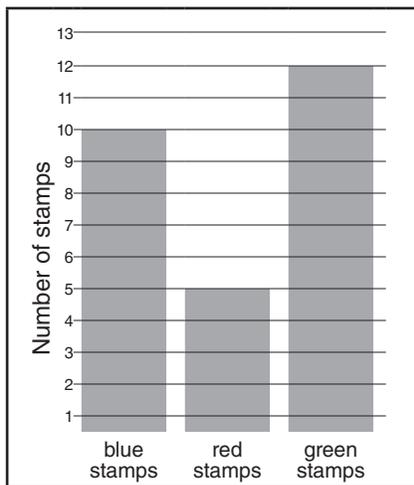
8. Write the fraction for the whole number:

$6 = \frac{\boxed{6}}{\boxed{1}}$ or equivalent $9 = \frac{\boxed{9}}{\boxed{1}}$ or equivalent

exact answer, points per box 1 | 1
2 | 2
3 | 3
4 | 4

9. Levi looks at stamps. How many more green stamps are there than blue?

2 more green stamps.
←

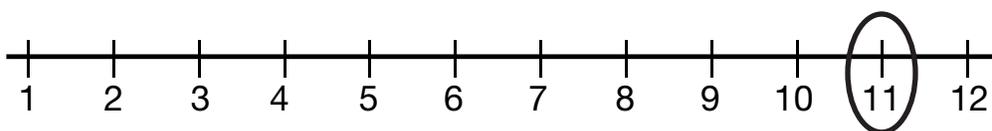


correct digits 1 | 5

10. Max washes 9 cars a day. How many days will it take him to wash 45 cars? 5 days.
←

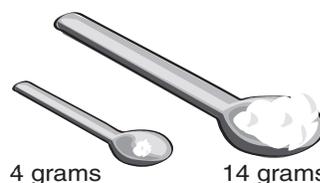
correct digits 1 | 4

11. Circle where $\frac{11}{1}$ is on the number line:



exact answer, points per segment (correct number circled) 1 | 1

12. One spoon holds 4 grams of sugar. The other spoon holds 14 grams of sugar. How much sugar is there in total? 18 grams.
←



correct digits 1 | 2
2 | 5

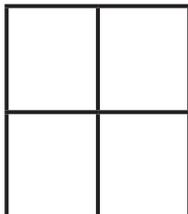
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 6 / Teacher Key**

13. Evan wants to buy 53 gumballs. He buys 14 red and 13 blue gumballs. How many gumballs does he have left to buy?

26 gumballs.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



4 units²

exact answer,
points per line $\begin{array}{l} 1 \\ 1 \end{array} \Big| \begin{array}{l} 1 \\ 1 \end{array}$

15. There are 4 friends. Each friend has 7 green beans and 2 red beans. How many beans is that in total?

$$4 \times (7+2) = \underline{36}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 3 \\ 7 \end{array}$

16. Grace swims in the morning. Her mom drops her off at 8:45 am and she swims for 1 hour and 30 minutes. What time should her mom pick her up? 10:15 a.m.



correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array} \Big| \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array}$

17. Solve:

$$3 \times 9 \times 3 = \underline{81}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 4 \\ 9 \end{array}$

18. Austin helps his dad clean up the yard. What is the perimeter of the yard? 70 ft.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 5 \\ 10 \end{array}$

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 6 / Teacher Key

19. The bike costs 7 times as much as the ball. The ball costs \$10. How much are the bike and the ball together?

\$ 80

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 5 \\ 11 \end{array} \right.$

20. Friends play catch in the field. What is the area of the field?

26 m².



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 2 \\ 5 \end{array} \right.$

Scoring Direction



Right to Left

or

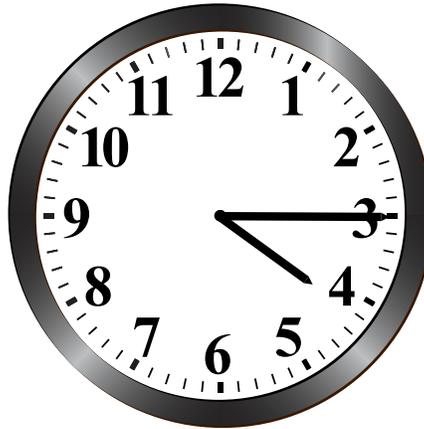
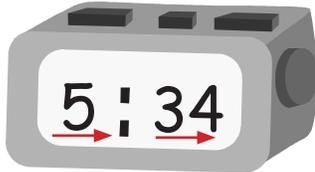


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 7 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:

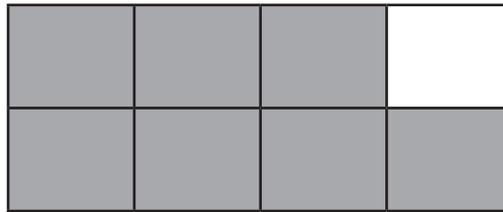


correct digits

1		1
2		2
3		3

2. Write the fraction for the shaded parts:

$$\frac{7}{8}$$



exact answer,

1		1
2		2

points per box

2		2
---	--	---

3. Round...

Number	...to the nearest 10	...to the nearest 100
883	880	900
284	280	300
261	260	300
742	740	700

exact answer,

1		1
2		2
3		3
4		4
5		5
6		6
7		7
8		8

points per box

8		8
---	--	---

4. A box of candy was split among 3 friends. Each friend got 5 candies. How many candies were in the box at the start?

$$\underline{15} \div 3 = 5$$

correct digits

1		2
2		4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{10}{11}$	>	$\frac{7}{11}$
$\frac{8}{10}$	>	$\frac{5}{10}$

exact answer,

1		2
2		4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 7 / Teacher Key**

6. One bowl has 6 cups of flour in it and the other has 1 cup. How many cups of flour are there in all? 7 cups.

correct digits 1 | 3

7. Rosa's mom runs 4 miles every day. How many miles has she run after 8 days? 32 miles.

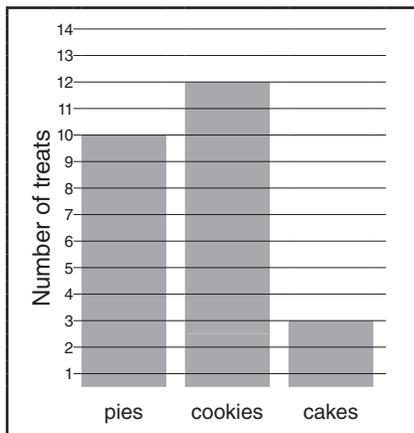
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$5 = \frac{5}{1} \text{ or equivalent} \quad 4 = \frac{4}{1} \text{ or equivalent}$$

exact answer, 1 | 1
2 | 2
3 | 3
points per box 4 | 4

9. How many fewer cakes are there than pies? 7 fewer cakes.

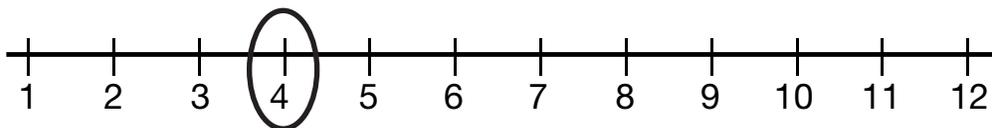


correct digits 1 | 4

10. Noah drinks 6 glasses of water each day. How many days will it take him to drink 54 cups? 9 days.

correct digits 1 | 4

11. Circle where $\frac{4}{1}$ is on the number line:



exact answer, 1 | 1
points per segment 2 | 2
(correct number circled)

12. One bag of rice is 2 pounds. The other bag of rice is 22 pounds.
How much do the bags of rice weigh together?

24 pounds.



22 pounds



2 pounds

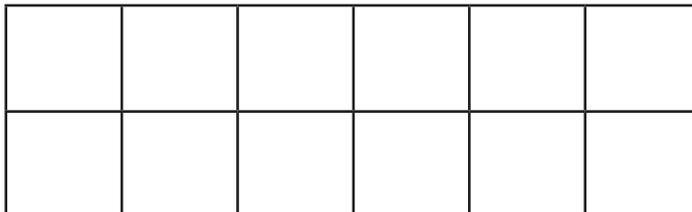
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 7 / Teacher Key**

13. Mary has to drive 58 miles to get home. She drove 19 miles this morning. This afternoon she drove 17 miles. How many more miles does she have left to drive? 22 miles.

correct digits 1 | 4
2 | 8

14. What is the area of the rectangle?



12 units²

exact answer,
points per line 1 | 1

15. There are 6 people. Each person sees 5 crows and 9 ducks. How many birds is that in total?

$$6 \times (5+9) = \underline{59}$$

correct digits 1 | 4
2 | 9

16. Anna goes hiking at 4:45. She hikes for 30 minutes. What time does she finish? 5:15 p.m.



correct
digits
1 | 1
2 | 2
3 | 3

17. Solve:

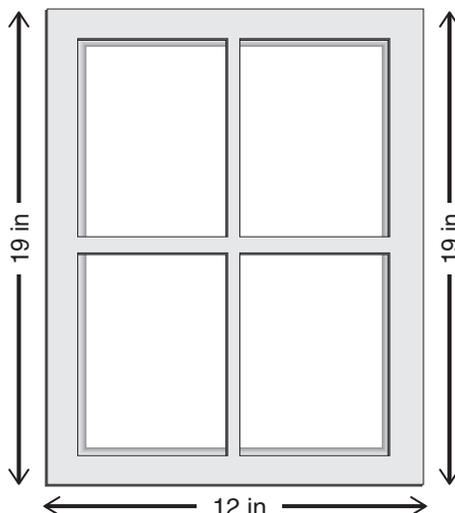
$$2 \times 9 \times 4 = \underline{72}$$

correct digits 1 | 4
2 | 9

18. Kim just got a small window for her house.

What is the perimeter of the window?

62 inches.



correct digits 1 | 5
2 | 10

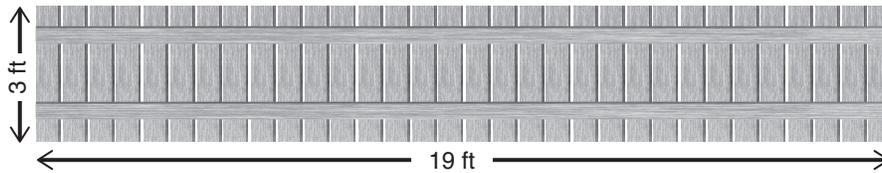
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 7 / Teacher Key

19. A toy car costs 2 times as much as a toy train. The toy train costs \$6. How much do they cost together?

\$ 18

correct digits $\begin{array}{l|l} 1 & 4 \\ 2 & 9 \end{array}$

20. Sam helped build the new fence. What is the area of the fence? 57 ft².



correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 5 \end{array}$

Scoring Direction

←

Right to Left

or

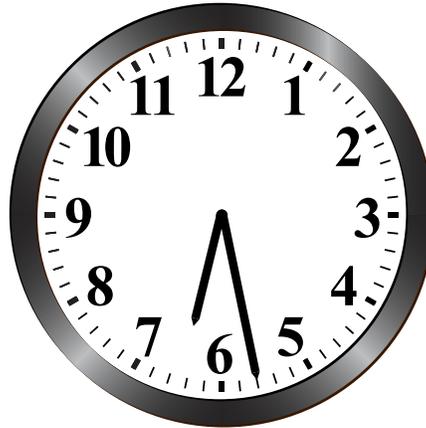
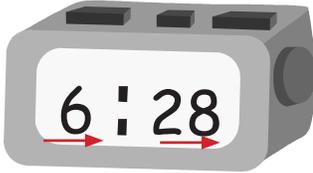
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Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 8 / Teacher Key

Total: _____

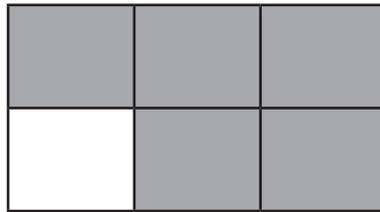
1. Fill in the time on the digital clock:



correct digits $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \left| \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right.$

2. Write the fraction for the shaded parts:

$$\frac{5}{6}$$



exact answer, $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 1 \\ 2 \end{array} \right.$
points per box

3. Round...

Number	...to the nearest 10	...to the nearest 100
224	220	200
454	450	500
881	880	900
343	340	300

exact answer, $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \end{array} \left| \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \\ 5 \\ 6 \\ 7 \\ 8 \end{array} \right.$
points per box

4. A bottle of juice is split among 5 people. Each person got 4 ounces of juice. How many ounces were in the bottle to begin with?

$$\underline{20} \div 5 = 4$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 2 \\ 4 \end{array} \right.$

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{1}{6}$	<	$\frac{5}{6}$
$\frac{2}{4}$	>	$\frac{1}{4}$

exact answer, $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 2 \\ 4 \end{array} \right.$
points per box

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 8 / Teacher Key**

6. One bird is 6 ounces and the other is 9 ounces. How much do both birds weigh together? 15 ounces.

correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

7. Dylan eats 4 apples a week. How many apples has he eaten after 6 weeks? 24 apples.

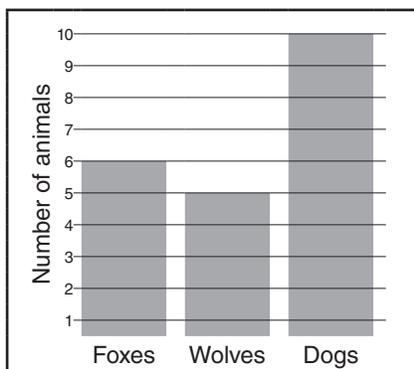
correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

8. Write the fraction for the whole number:

$$8 = \frac{\boxed{8}}{\boxed{1}} \text{ or equivalent} \quad 6 = \frac{\boxed{6}}{\boxed{1}} \text{ or equivalent}$$

exact answer, points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \end{array}$

9. How many more dogs are there than foxes? 4 more dogs.

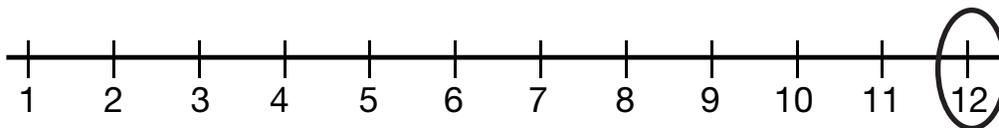


correct digits $1 \mid 4$

10. Jamal throws 9 snowballs a day in the winter. How many days will it take him to throw 63 snowballs? 7 days.

correct digits $1 \mid 4$

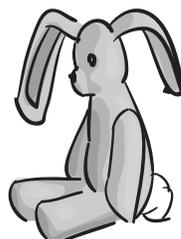
11. Circle where $\frac{12}{1}$ is on the number line:



exact answer, points per segment (correct number circled) $1 \mid 1$

12. The toy mouse is 3 grams. The toy bunny is 11 grams. How much do the two toys weigh together?

14 grams.



11 grams



3 grams

correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 5 \end{array}$

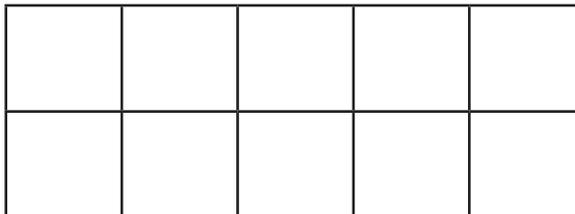
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 8 / Teacher Key**

13. Stan had 54 big shells and 14 little shells. Today he found 12 more shells. How many shells does he have now?

80 shells.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 4 \\ 8 \end{array} \right.$

14. What is the area of the rectangle?



10 units²

exact answer,
points per line $1 \mid 1$

15. There are 6 yards. Each one has 4 trees and 7 flowers. How many is that in total?

$$6 \times (4+7) = \underline{66}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 4 \\ 9 \end{array} \right.$

16. Tyrone goes to the beach at 4:45. He swims for 1 hour. What time does he finish? 5:45 p.m.



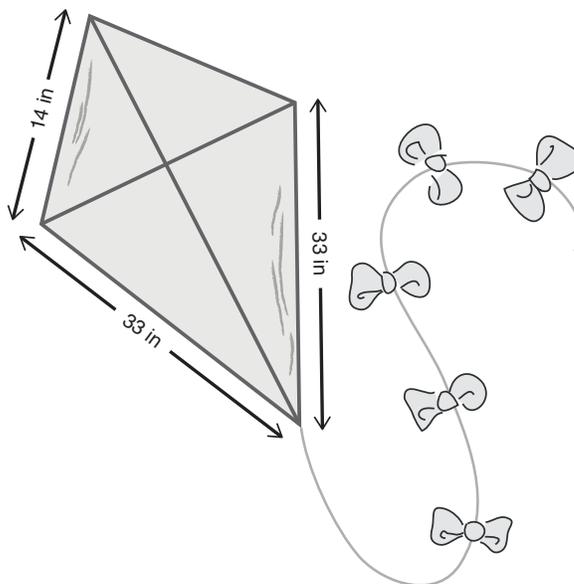
correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \left| \begin{array}{l} 1 \\ 2 \\ 3 \end{array} \right.$

17. Solve:

$$3 \times 6 \times 2 = \underline{36}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 4 \\ 9 \end{array} \right.$

18. Fred got a new kite. What is the perimeter of the kite? 94 in.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 5 \\ 10 \end{array} \right.$

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 8 / Teacher Key

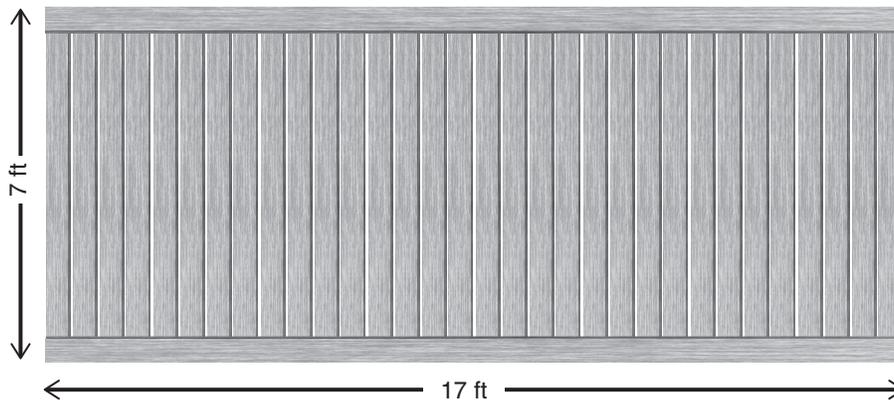
19. A toy boat costs 7 times as much as a toy turtle. The toy turtle costs \$8. How much are they together?

\$ 64

correct digits

1	4
2	9

20. Cora made a new deck for her yard. What is the area of the deck? 119 ft².



correct digits

1	2
2	4
3	6

Scoring Direction

←

Right to Left

or

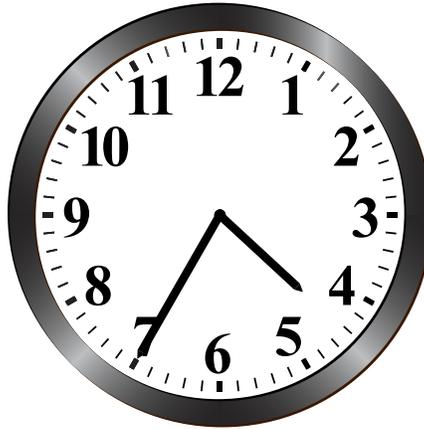
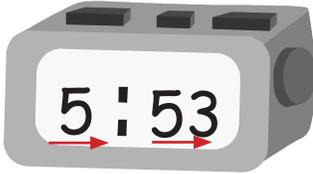
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Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 9 / Teacher Key

Total: _____

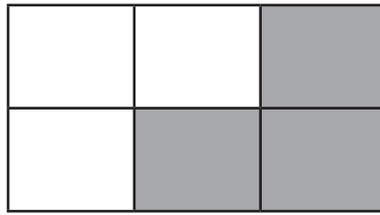
1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:

$$\frac{3}{6}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
208	210	200
787	790	800
314	310	300
913	910	900

1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
exact answer, 8 | 8
points per box

4. A box of cards is split among 2 people. Each person got 7 cards. How many cards were in the box at the start?

$$\frac{14}{2} = 7$$

correct digits 1 | 2
2 | 4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{5}{10}$	<	$\frac{8}{10}$
$\frac{6}{8}$	>	$\frac{3}{8}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 9 / Teacher Key**

6. One truck is 9 tons and the other is 4 tons. How much do both trucks weigh together? 13 tons.

correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

7. Mia rides her bike 9 miles a week. How many miles has she gone after 3 weeks? 27 miles.

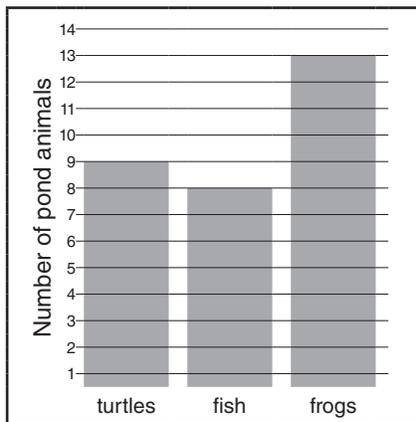
correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

8. Write the fraction for the whole number:

$$9 = \frac{\boxed{9}}{\boxed{1}} \text{ or equivalent} \quad 8 = \frac{\boxed{8}}{\boxed{1}} \text{ or equivalent}$$

exact answer, points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \end{array}$

9. How many more frogs are there than fish? 5 more frogs.

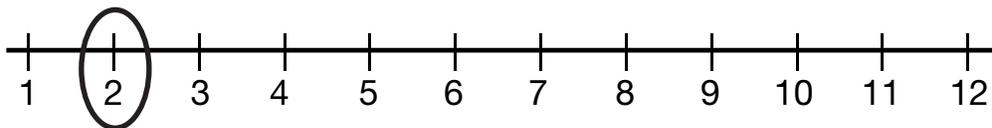


correct digits $1 \mid 4$

10. Milo feeds 5 squirrels every day. How many days will it take him to feed 45 squirrels? 9 days.

correct digits $1 \mid 4$

11. Circle where $\frac{2}{1}$ is on the number line:



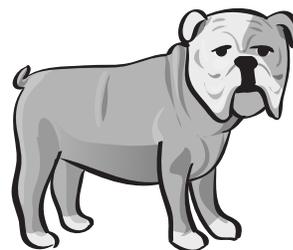
exact answer, points per segment (correct number circled) $1 \mid 1$

12. The small dog is 5 pounds. The big dog is 86 pounds. How much do the two dogs weigh together?

91 pounds.



5 pounds



86 pounds

correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 5 \end{array}$

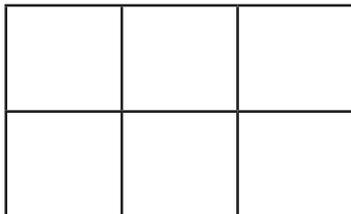
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 9 / Teacher Key**

13. Hannah owns a farm. She has 43 rabbits and 19 chickens. Today she got 20 cows. How many animals does she have in all?

82 animals.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



6 units²

exact answer,
points per line $1 \mid 1$

15. There are 3 friends. Each friend has 2 toy raccoons and 5 toy mice. How many is that in total?

$$3 \times (2+5) = \underline{21}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 3 \\ 7 \end{array}$

16. Henry goes to the library at 5:45. He stays for 1 hour 15 minutes. What time does he finish? 7:00 p.m.



correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \begin{array}{l} 1 \\ 2 \\ 3 \end{array}$

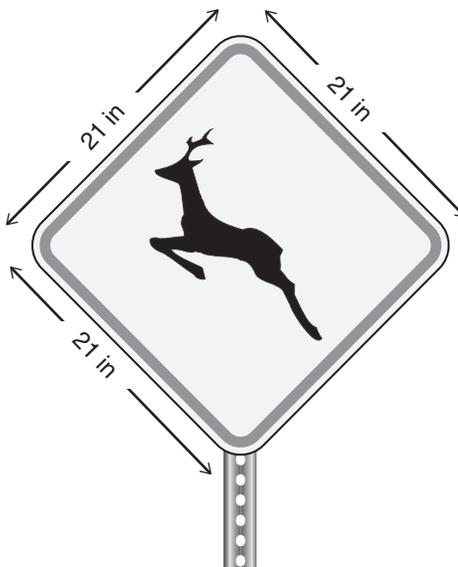
17. Solve:

$$2 \times 7 \times 4 = \underline{56}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

18. Hazel is driving and sees a sign. What is the perimeter of the sign?

84 in.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 5 \\ 10 \end{array}$

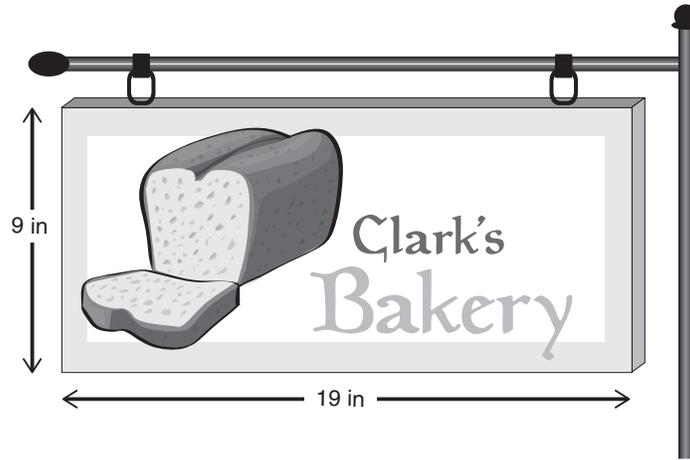
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 9 / Teacher Key

19. A board costs 3 times as much as a brick. The brick costs \$2. How much are they together?

\$ 8

correct digits 1 | 6

20. Clark made a new sign for his bakery. What is the area of the sign? 171 in².



correct digits 1 | 2
2 | 4
3 | 6

Scoring Direction

←
Right to Left

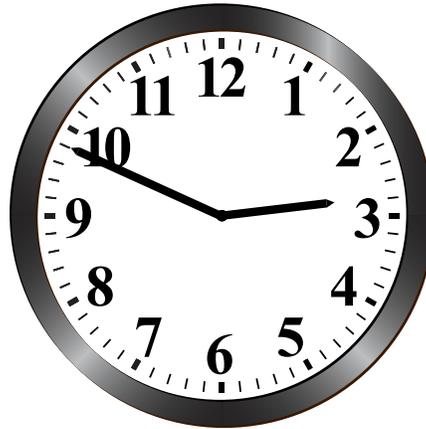
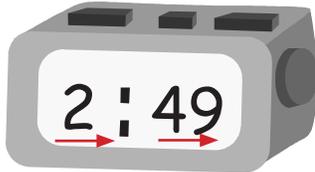
or

→
Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 10 / Teacher Key

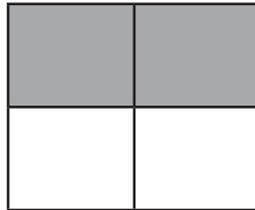
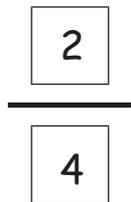
Total: _____

1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
735	740	700
813	810	800
924	920	900
689	690	700

exact answer, 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
points per box 8 | 8

4. A bag of ice cubes is split among 5 friends. Each friend got 7 cubes. How many ice cubes were there to begin with?

$$\underline{35} \div 5 = 7$$

correct digits 1 | 2
2 | 4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{2}{6}$	>	$\frac{1}{6}$
$\frac{6}{10}$	<	$\frac{7}{10}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 10 / Teacher Key**

6. One bag holds 8 liters and the other holds 2 liters. How much do both bags hold together? 10 liters.

correct digits 1 | 2
2 | 4

7. Clark sings 2 songs a day. How many songs will he have sung after 9 days? 18 songs.

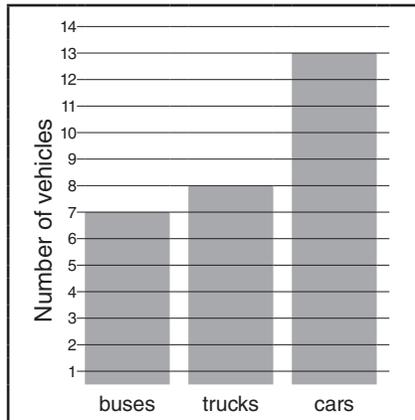
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$5 = \frac{\boxed{5}}{\boxed{1}} \text{ or equivalent} \quad 9 = \frac{\boxed{9}}{\boxed{1}} \text{ or equivalent}$$

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. How many more cars are there than buses? 6 more cars.

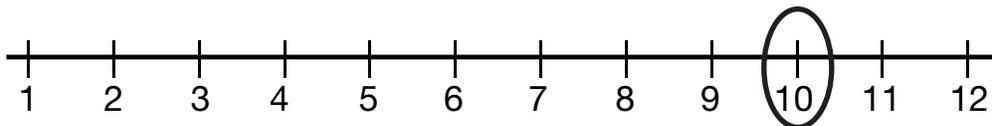


correct digits 1 | 4

10. Sassy the squirrel climbs 6 trees a day. How many days will it take her to climb 30 trees? 5 days.

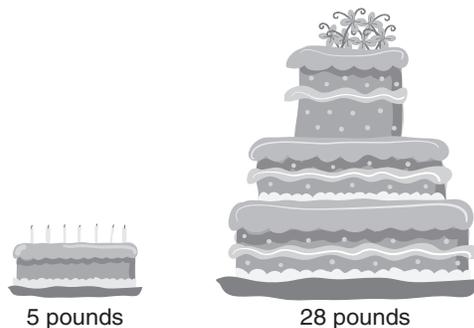
correct digits 1 | 4

11. Circle where $\frac{10}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 2 | 2

12. The small cake is 5 pounds. The large cake is 28 pounds. How much do the two cakes weigh together? 33 pounds.



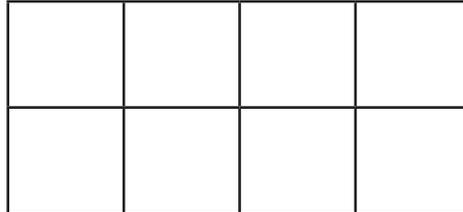
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 10 / Teacher Key**

13. The park has 32 mice, 21 raccoons, and 14 turtles. How many animals is that in all? 67 animals.

correct digits $\begin{array}{r} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



8 units²

exact answer,
points per line $1 \mid 1$

15. There are 7 friends. Each friend has 3 frogs and 9 turtles. How many is that in total?

$$7 \times (3+9) = \underline{84}$$

correct digits $\begin{array}{r} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

16. Don starts baking a pie 2:45. He works on it for 1 hour 45 minutes. What time does he finish? 4:30 p.m.



correct
digits
 $\begin{array}{r} 1 \\ 2 \\ 3 \end{array} \begin{array}{l} 1 \\ 2 \\ 3 \end{array}$

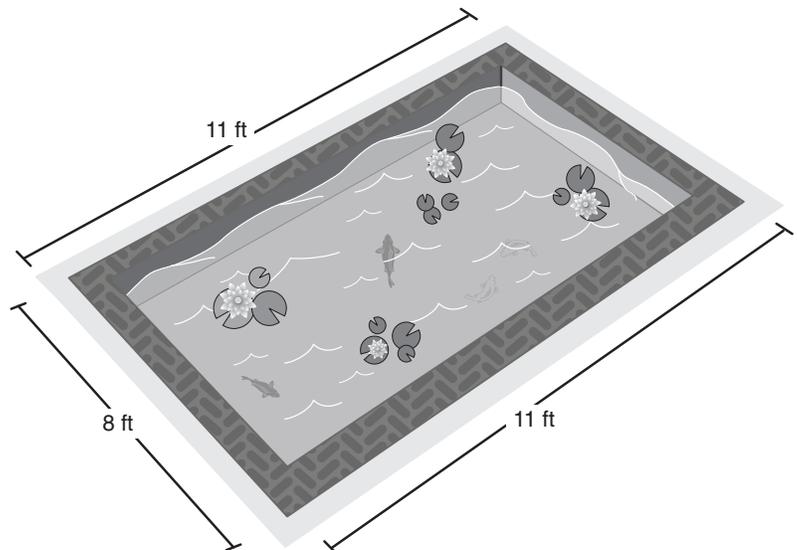
17. Solve:

$$2 \times 8 \times 4 = \underline{64}$$

correct digits $\begin{array}{r} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

18. Beth built a pond in her yard. What is the perimeter of the pond?

38 ft.



correct digits $\begin{array}{r} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 8 \end{array}$

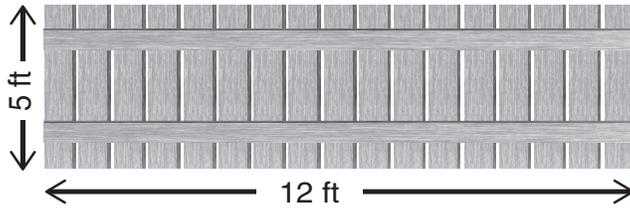
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 10 / Teacher Key

19. A toy castle costs 3 times as much as a toy dragon. A toy dragon costs \$4. How much are they together?

\$ 16

correct digits 1 | 4
2 | 9

20. Gretta built a fence. What is the area of the fence? 60 ft².



correct digits 1 | 2
2 | 5

Scoring Direction



Right to Left

or

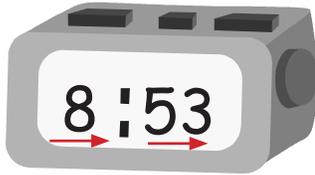


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 11 / Teacher Key

Total: _____

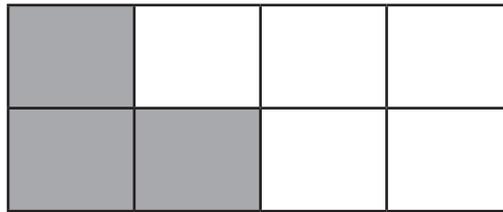
1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:

$$\frac{3}{8}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
331	330	300
531	530	500
242	240	200
921	920	900

exact answer, 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
points per box 8 | 8

4. A basket of fresh eggs is split among 7 people. Each person got 3 eggs. How many eggs were there to begin with?

$$\underline{21} \div 7 = 3$$

correct digits 1 | 2
2 | 4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{7}{11}$	>	$\frac{6}{11}$
$\frac{1}{3}$	<	$\frac{2}{3}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 11 / Teacher Key**

6. One squirrel is 7 ounces and the other is 4 ounces. How much do both squirrels weigh together? 11 ounces.

correct digits 1 | 2
2 | 4

7. The bird lands in the ocean 9 times a day. How many times has it landed after 6 days? 54 times.

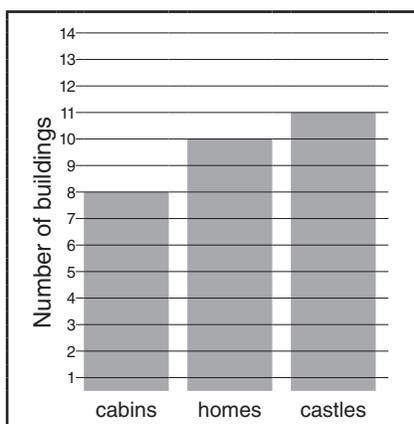
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$2 = \frac{\boxed{2}}{\boxed{1}} \text{ or equivalent} \quad 3 = \frac{\boxed{3}}{\boxed{1}} \text{ or equivalent}$$

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. How many more homes are there than cabins? 2 more homes.

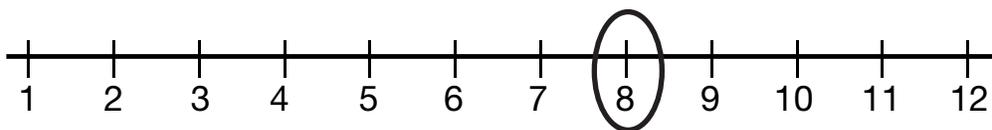


correct digits 1 | 4

10. Freddy the fox runs 4 miles a day. How many days will it take him to run 28 miles? 7 days.

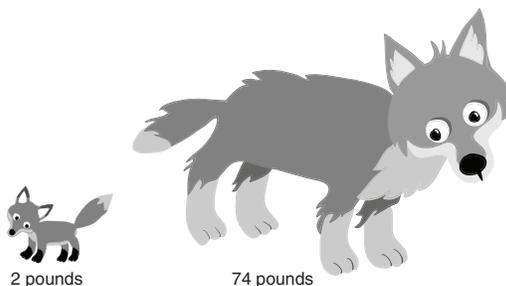
correct digits 1 | 4

11. Circle where $\frac{8}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 2 | 5

12. The baby fox is 2 pounds. The wolf is 74 pounds. How much do the two weigh together? 76 pounds.



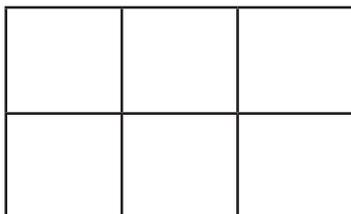
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 11 / Teacher Key**

13. The circus has 30 horses, 11 lions, and 15 tigers. How many animals is that in all? 56 animals.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



6 units²

exact answer,
points per line $1 \mid 1$

15. There are 5 people. Each person has 7 red hats and 6 blue hats. How many hats is that in total?

$$5 \times (7+6) = \underline{65}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 4 \\ 9 \end{array}$

16. Asha starts her science project at 4:45. She works on it for 1 hour 30 minutes. What time does she finish? 6:15 p.m.



correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \Big| \begin{array}{l} 1 \\ 2 \\ 3 \end{array}$

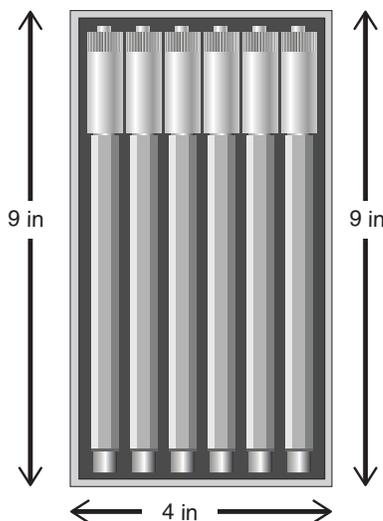
17. Solve:

$$3 \times 8 \times 5 = \underline{120}$$

correct digits $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \Big| \begin{array}{l} 3 \\ 6 \\ 10 \end{array}$

18. Danny got a new box of pens. What is the perimeter of the box?

26 in.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 3 \\ 6 \end{array}$

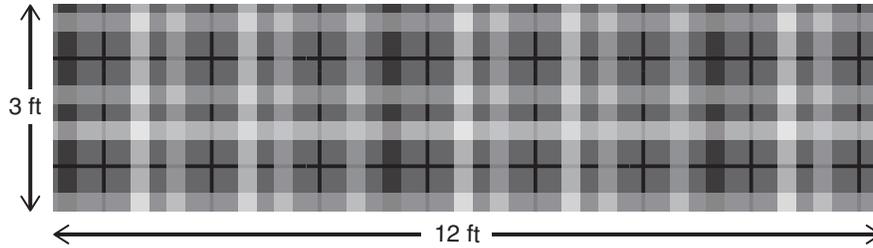
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 11 / Teacher Key

19. A watch costs 8 times as much as a hat. The hat costs \$5. How much are they together?

\$ 45

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 4 \\ 9 \end{array} \right.$

20. Lara has a piece of fabric. What is the area of the fabric? 36 ft².



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \left| \begin{array}{l} 2 \\ 5 \end{array} \right.$

Scoring Direction

←

Right to Left

or

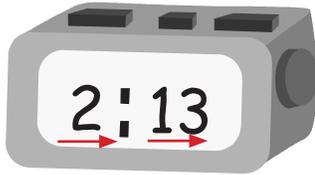
→

Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 12 / Teacher Key

Total: _____

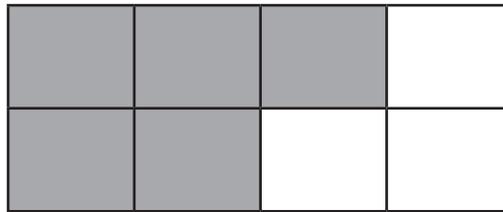
1. Fill in the time on the digital clock:



correct digits $\begin{array}{r|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \end{array}$

2. Write the fraction for the shaded parts:

$$\frac{5}{8}$$



exact answer, points per box $\begin{array}{r|l} 1 & 1 \\ 2 & 2 \end{array}$

3. Round...

Number	...to the nearest 10	...to the nearest 100
588	590	600
435	440	400
216	220	200
788	790	800

exact answer, points per box $\begin{array}{r|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \\ 5 & 5 \\ 6 & 6 \\ 7 & 7 \\ 8 & 8 \end{array}$

4. A box of hats is split among 7 people. Each person was given 6 hats. How many hats were in the box at the start?

$$\underline{42} \div 7 = 6$$

correct digits $\begin{array}{r|l} 1 & 2 \\ 2 & 4 \end{array}$

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{4}{12}$	<	$\frac{11}{12}$
$\frac{1}{6}$	<	$\frac{2}{6}$

exact answer, points per box $\begin{array}{r|l} 1 & 2 \\ 2 & 4 \end{array}$

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 12 / Teacher Key**

6. One leaf is 8 grams and the other is 2 grams. How much do both leaves weigh together? 10 grams.

correct digits 1 | 2
2 | 4

7. The bunny eats 8 carrots a day. How many carrots can it eat in 9 days? 72 carrots.

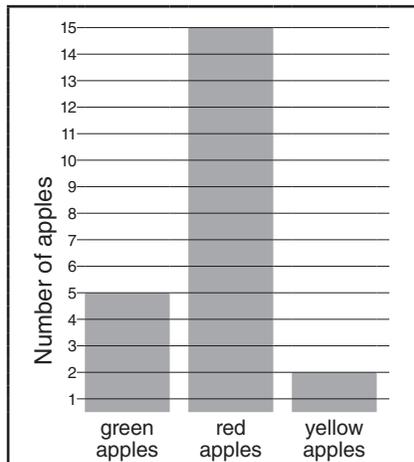
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$9 = \frac{\boxed{9}}{\boxed{1}} \text{ or equivalent} \quad 6 = \frac{\boxed{6}}{\boxed{1}} \text{ or equivalent}$$

exact answer, 1 | 1
2 | 2
3 | 3
points per box 4 | 4

9. How many more red apples are there than green apples? 10 more red apples.

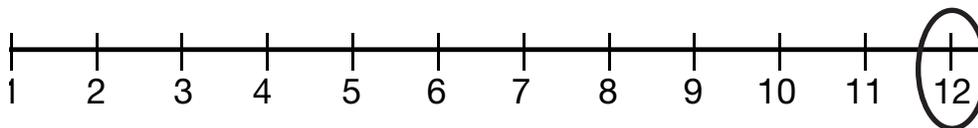


correct digits 1 | 2
2 | 5

10. James can ride 9 miles in a week. How many weeks will it take him to ride 63 miles? 7 miles.

correct digits 1 | 4

11. Circle where $\frac{12}{1}$ is on the number line:



exact answer, points per segment (correct number circled) 1 | 1

12. The bottle had 52 ounces of water in it. Nancy drank 5 ounces of water. How many ounces of water are left?

47 ounces.



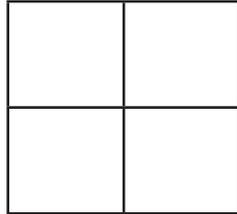
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 12 / Teacher Key**

13. One day Jay found 59 cans. The next day he found 19 cans. The day after that he found 16. How many cans did Jay find altogether? 94 cans.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



4 units²

exact answer,
points per line $1 \Big| 1$

15. There are 3 kids. Each kid has 2 red hats and 6 blue hats. How many hats is that in total?

$$3 \times (6+2) = \underline{24}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 3 \\ 7 \end{array}$

16. Josh starts his swim at 7:45. He swims for 1 hour 15 minutes. What time does he finish? 9:00 a.m.



correct
digits $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \Big| \begin{array}{l} 1 \\ 2 \\ 3 \end{array}$

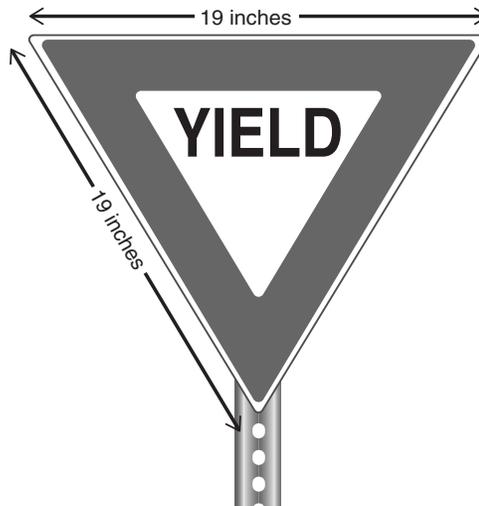
17. Solve:

$$4 \times 4 \times 7 = \underline{112}$$

correct digits $\begin{array}{l} 1 \\ 2 \\ 3 \end{array} \Big| \begin{array}{l} 3 \\ 6 \\ 10 \end{array}$

18. Sophie saw a sign on her way to school. What is the perimeter of the sign?

57 in.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \Big| \begin{array}{l} 4 \\ 8 \end{array}$

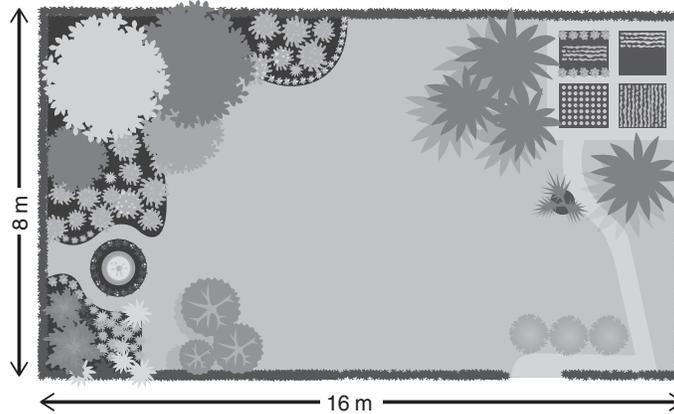
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 12 / Teacher Key

19. The ladder cost 8 times as much as the pail. The pail costs \$6. How much are they together?

\$ 54

correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 9 \end{array}$

20. You and a friend are playing catch in the yard. What is the area of the yard? 128 m².



correct digits $\begin{array}{r|l} 1 & 2 \\ 2 & 4 \\ 3 & 6 \end{array}$

Scoring Direction

←
Right to Left

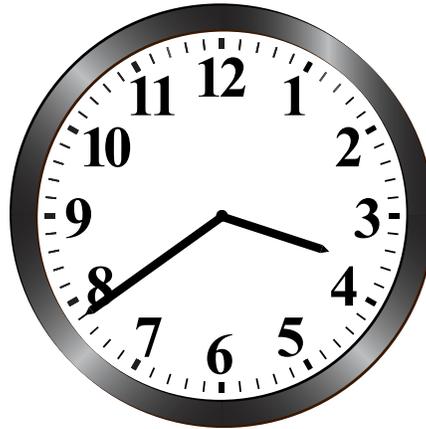
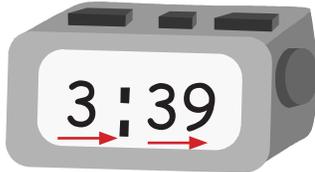
or

→
Left to Right

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 13 / Teacher Key**

Total: _____

1. Fill in the time on the digital clock:



correct digits

1	1
2	2
3	3

2. Write the fraction for the shaded parts:

$$\frac{1}{4}$$



exact answer,

1	1
2	2

points per box

2	2
---	---

3. Round...

Number	...to the nearest 10	...to the nearest 100
765	770	800
239	240	200
847	850	800
654	650	700

exact answer,

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

points per box

8	8
---	---

4. A bag of apples is split among 4 people. Each person was given 7 apples. How many apples were in the bag at the start?

$$\underline{28} \div 4 = 7$$

correct digits

1	2
2	4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{5}{10}$	>	$\frac{3}{10}$
$\frac{2}{8}$	<	$\frac{3}{8}$

exact answer,

1	2
2	4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 13 / Teacher Key**

6. One dog is 9 pounds and the other dog is 4 pounds. How much do both dogs weigh together? 13 pounds.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} | \begin{array}{l} 2 \\ 4 \end{array}$

7. The fox takes 6 naps a day. How many naps will he take in 4 days? 24 naps.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} | \begin{array}{l} 2 \\ 4 \end{array}$

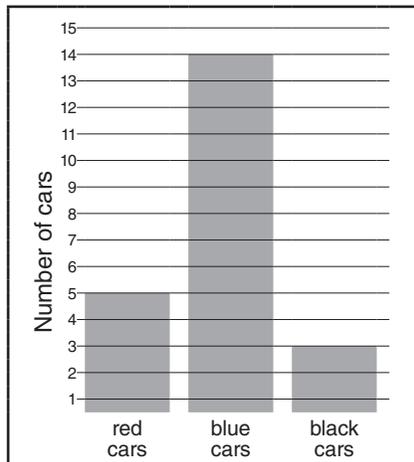
8. Write the fraction for the whole number:

$$7 = \frac{\boxed{7}}{\boxed{1}} \text{ or equivalent} \quad 9 = \frac{\boxed{9}}{\boxed{1}} \text{ or equivalent}$$

exact answer, points per box $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array} | \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array}$

9. Lucas is counting cars. How many fewer black cars are there than red cars?

2 fewer black cars.

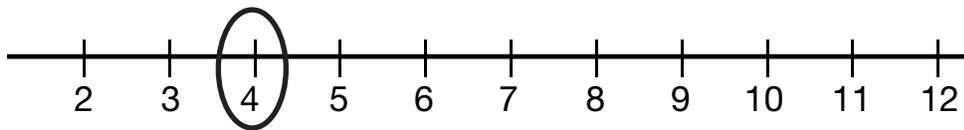


correct digits $1 | 3$

10. Ava paints 3 barns each week. How many weeks will it take her to paint 27 barns? 9 weeks.

correct digits $1 | 4$

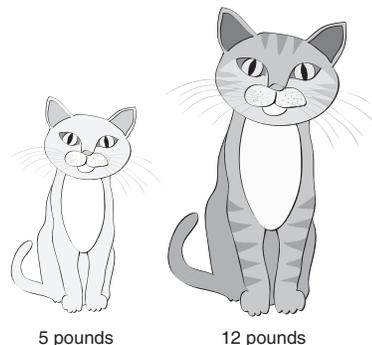
11. Circle where $\frac{4}{1}$ is on the number line:



exact answer, points per segment (correct number circled) $1 | 1$

12. The white cat is 5 pounds. The gray cat is 12 pounds. How much do both cats weigh together?

17 pounds.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} | \begin{array}{l} 2 \\ 5 \end{array}$

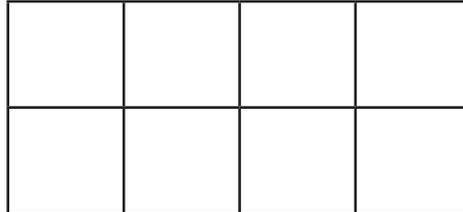
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 13 / Teacher Key**

13. The farmer wants to find 42 sheep. He finds 16 sheep and then 23 sheep. How many sheep does he still need to find?

 3 sheep.

correct digits 1 | 7

14. What is the area of the rectangle?



 8 units²

exact answer,
points per line 1 | 1

15. There are 2 farmers. Each farmer has 6 brown goats and 3 white goats. How many goats is that in total?

$$2 \times (6+3) = \underline{18}$$

correct digits 1 | 3
2 | 7

16. Elena and her dad go for a bike ride at 6:45. They ride for 30 minutes. What time do they return? 7:15 p.m.



correct
digits
1 | 1
2 | 2
3 | 3

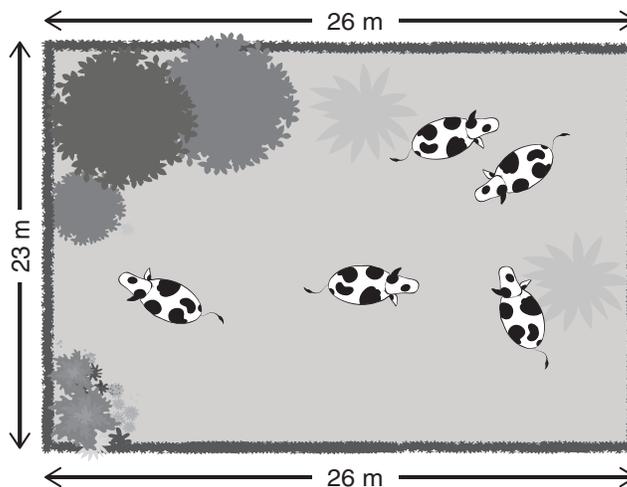
17. Solve:

$$2 \times 4 \times 5 = \underline{40}$$

correct digits 1 | 3
2 | 7

18. The cows eat grass in a field. What is the perimeter of the field?

 98 meters



correct digits 1 | 5
2 | 10

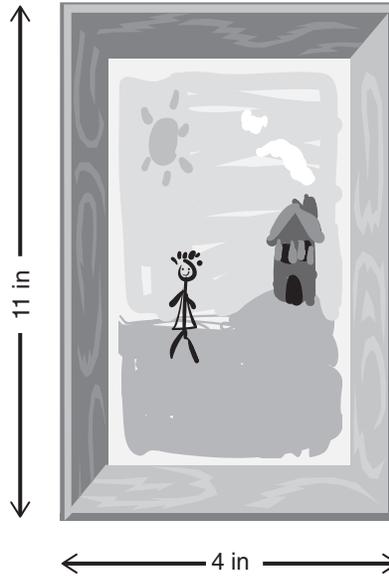
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 13 / Teacher Key

19. The coat cost 5 times as much as the hat. The hat costs \$4. How much are the hat and coat together?

\$ 24

correct digits 1 | 4
2 | 9

20. Nate is drawing a picture for his dad. What is the area of the picture? 44 in².



correct digits 1 | 2
2 | 5

Scoring Direction



Right to Left

or

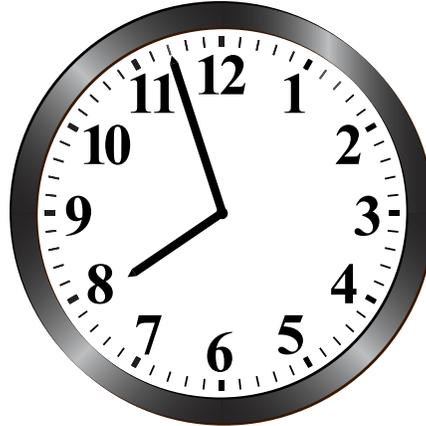
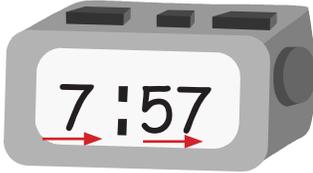


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 14 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:



correct digits $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \end{array}$

2. Write the fraction for the shaded parts:

$$\frac{1}{2}$$



exact answer, points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \end{array}$

3. Round...

Number	...to the nearest 10	...to the nearest 100
616	620	600
662	660	700
109	110	100
553	550	600

exact answer, points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \\ 5 & 5 \\ 6 & 6 \\ 7 & 7 \\ 8 & 8 \end{array}$

4. A box of toys is split among 3 children. Each child got 3 toys. How many toys were in the box at the start?

$$\frac{9}{3} \div 3 = 3$$

correct digits $\begin{array}{l|l} 1 & 3 \end{array}$

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{2}{11}$	<	$\frac{10}{11}$
$\frac{2}{3}$	>	$\frac{1}{3}$

exact answer, points per box $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 14 / Teacher Key**

6. One glass has 6 ounces of milk. The other glass has 9 ounces. How many ounces of milk do both glasses have together?

15 ounces.
←

correct digits 1 | 2
2 | 4

7. Dylan tells 8 jokes a day. How many jokes will he tell in 5 days? 40 jokes.
←

correct digits 1 | 2
2 | 4

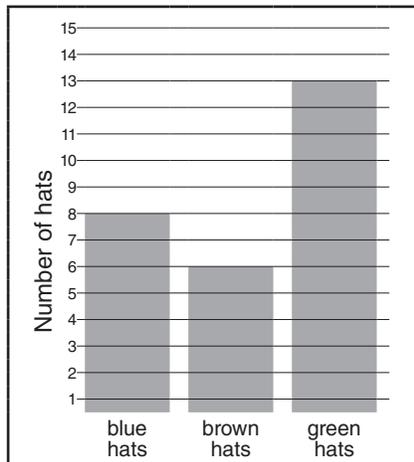
8. Write the fraction for the whole number:

$3 = \frac{\boxed{3}}{\boxed{1}}$ or equivalent $5 = \frac{\boxed{5}}{\boxed{1}}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. There are some hats. How many more green hats are there than blue hats?

5 more green hats.
←

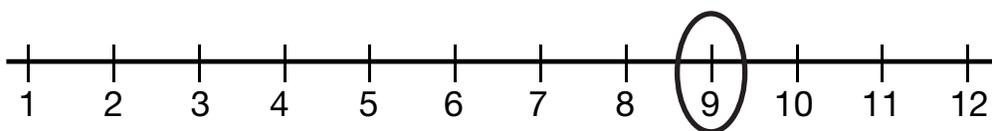


correct digits 1 | 4

10. The bird flies 8 miles each day. How many days will it take him to fly 56 miles? 7 days.
→

correct digits 1 | 4

11. Circle where $\frac{9}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 1 | 1

12. The bag had 29 pounds of sand in it. Dad poured out 6 pounds of sand.

How many pounds of sand are left?

23 pounds.
←



29 pounds

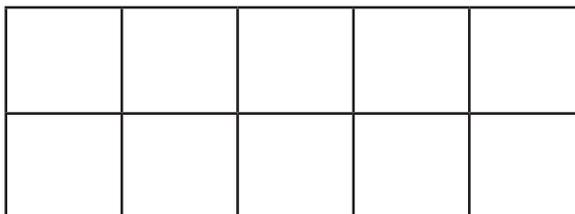
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 14 / Teacher Key**

13. Rachel saw 28 birds. The next day she saw 20 birds. The day after that she saw 11 birds. How many birds did Rachel see altogether? 59 birds.

correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 8 \end{array}$

14. What is the area of the rectangle?



10 units²

exact answer,
points per line $\begin{array}{r|l} 1 & 1 \end{array}$

15. There are 3 children. Each child has 7 blue pens and 7 black pens. How many pens is that in total?

$$3 \times (7+7) = \underline{42}$$

correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 9 \end{array}$

16. Dan starts his book at 8:45. He reads for 1 hour 30 minutes. What time does he finish? 10:15 p.m.



correct
digits $\begin{array}{r|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \end{array}$

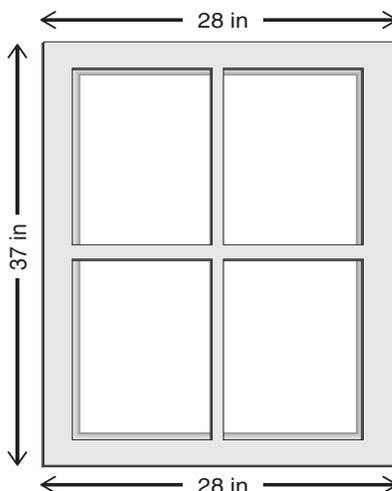
17. Solve:

$$2 \times 4 \times 8 = \underline{64}$$

correct digits $\begin{array}{r|l} 1 & 3 \\ 2 & 7 \end{array}$

18. Nora looks through a window. What is the perimeter of the window?

130 inches



correct digits $\begin{array}{r|l} 1 & 3 \\ 2 & 7 \\ 3 & 11 \end{array}$

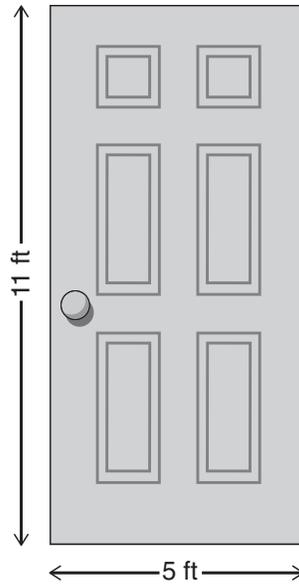
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 14 / Teacher Key

19. The watch costs 9 times as much as the clock. The clock costs \$8. How much are the watch and the clock together?

\$ 80

correct digits 1 | 4
2 | 9

20. Gordon bounces a ball against a door. What is the area of the door? 55 ft².



correct digits 1 | 2
2 | 5

Scoring Direction

←

Right to Left

or

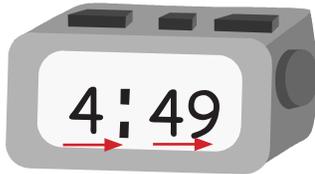
→

Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 15 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:

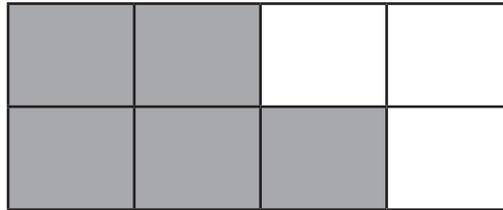


correct digits

1	1
2	2
3	3

2. Write the fraction for the shaded parts:

$$\frac{\boxed{5}}{\boxed{8}}$$



exact answer,

1	1
2	2
3	3

points per box

2	4
---	---

3. Round...

Number	...to the nearest 10	...to the nearest 100
747	750	700
463	460	500
416	420	400
433	430	400

exact answer,

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

points per box

8	8
---	---

4. A bag of carrots is split among 7 people. Each person got 2 carrots. How many carrots were in the bag at the start?

$$\underline{14} \div 7 = 2$$

correct digits

1	2
2	4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{4}{12}$	<	$\frac{8}{12}$
$\frac{2}{6}$	<	$\frac{3}{6}$

exact answer,

1	2
2	4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 15 / Teacher Key**

6. One cat is 6 pounds and the other is 7 pounds. How much do both cats weigh together? 13 pounds.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 4 \end{array}$

7. The bird sings 9 songs a day. How many songs will it sing in 7 days? 63 songs.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 4 \end{array}$

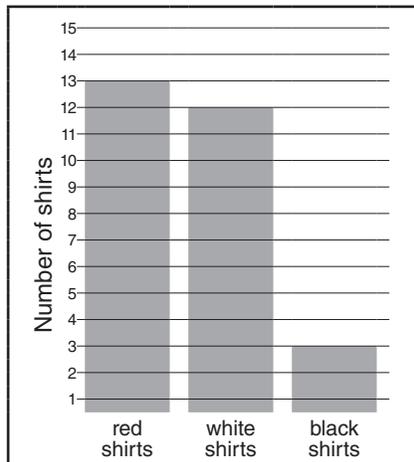
8. Write the fraction for the whole number:

$$5 = \frac{\boxed{5}}{\boxed{1}} \text{ or equivalent} \quad 4 = \frac{\boxed{4}}{\boxed{1}} \text{ or equivalent}$$

exact answer, points per box $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array} \bigg| \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array}$

9. Stella looks at shirts. How many fewer white shirts are there than red shirts?

1 fewer white shirts.

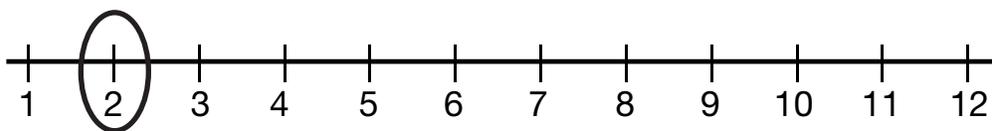


correct digits $1 \bigg| 5$

10. The boy eats 3 apples each day. How many days will it take him to eat 12 apples? 4 days.

correct digits $1 \bigg| 4$

11. Circle where $\frac{2}{1}$ is on the number line:



exact answer, points per segment (correct number circled) $1 \bigg| 1$

12. One frog was 7 ounces. The other frog was 22 ounces. How much do both frogs weigh together? 29 ounces.



7 ounces



22 ounces

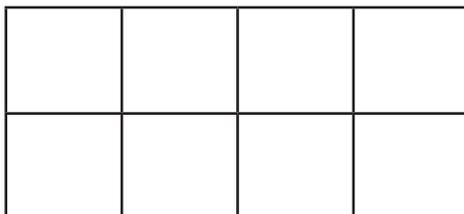
correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 5 \end{array}$

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 15 / Teacher Key**

13. Mom needs to make 49 prizes for the party. Yesterday she made 17 prizes and today she made 16. How many prizes does she still need to make? 16 prizes.

correct digits $\begin{array}{r} 1 \\ 2 \end{array} \Big| \begin{array}{r} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



8 units²

exact answer,
points per line $1 \mid 1$

15. There are 8 trees. Each tree has 8 blue birds and 2 black birds. How many birds is that in total?

$$8 \times (8+2) = \underline{80}$$

correct digits $\begin{array}{r} 1 \\ 2 \end{array} \Big| \begin{array}{r} 4 \\ 9 \end{array}$

16. Dad starts cooking dinner at 5:45. Dinner is in 45 minutes. What time do he need to finish cooking? 6:30 p.m.



correct
digits $\begin{array}{r} 1 \\ 2 \\ 3 \end{array} \Big| \begin{array}{r} 1 \\ 2 \\ 3 \end{array}$

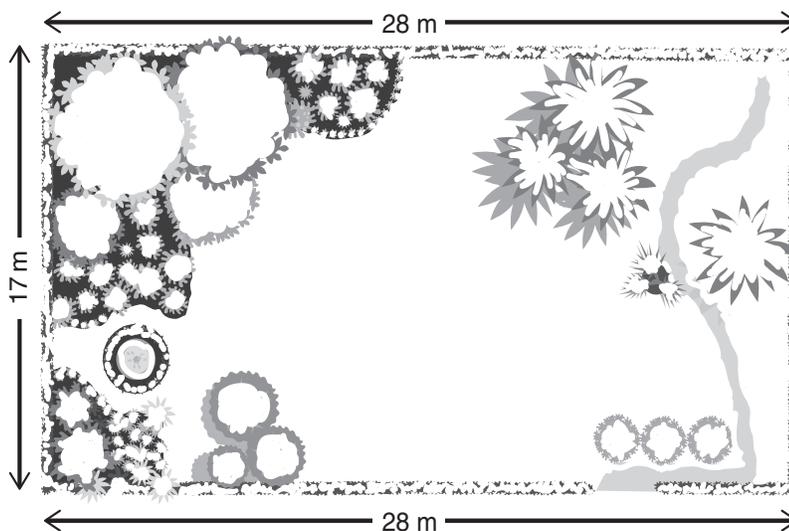
17. Solve:

$$4 \times 5 \times 8 = \underline{160}$$

correct digits $\begin{array}{r} 1 \\ 2 \\ 3 \end{array} \Big| \begin{array}{r} 3 \\ 6 \\ 10 \end{array}$

18. The yard is covered in snow.
What is the perimeter of the yard?

90 meters.



correct digits $\begin{array}{r} 1 \\ 2 \end{array} \Big| \begin{array}{r} 5 \\ 10 \end{array}$

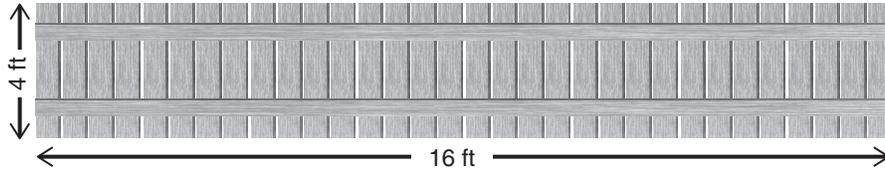
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 15 / Teacher Key

19. The bat costs 6 times as much as the ball. The ball costs \$2. How much are the bat and ball together?

\$ 14

correct digits $\begin{array}{l|l} 1 & 4 \\ 2 & 9 \end{array}$

20. Mom built a fence. What is the area of the fence? 64 ft².



correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 5 \end{array}$

Scoring Direction

←

Right to Left

or

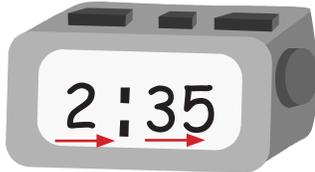
→

Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 16 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:

$$\frac{6}{8}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
549	550	500
491	490	500
351	350	400
829	830	800

exact answer, 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
points per box 8 | 8

4. A bag of nuts is split among 7 squirrels. Each squirrel got 5 nuts. How many nuts were in the bag at the start?

$$\underline{35} \div 7 = 5$$

correct digits 1 | 2
2 | 4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{6}{11}$	<	$\frac{10}{11}$
$\frac{3}{9}$	<	$\frac{4}{9}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 16 / Teacher Key**

6. One box has 2 pounds of books. The other box of has 9 pounds of books. How much to both boxes weigh together?

11 pounds.
←

correct digits 1 | 3

7. The children sing 6 songs a day. How many songs will they sing in 4 days? 24 songs.
←

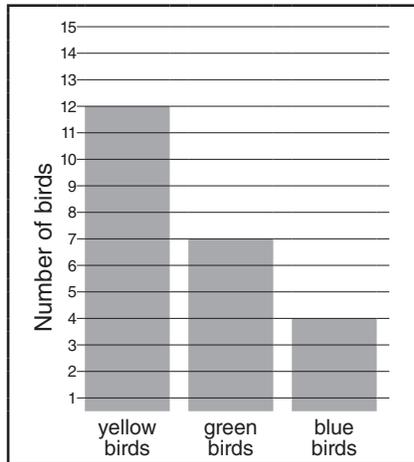
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$7 = \frac{7}{1}$ or equivalent $4 = \frac{4}{1}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. Some birds sit in a tree. How many fewer blue birds are there than green birds? 3 fewer blue birds.
←

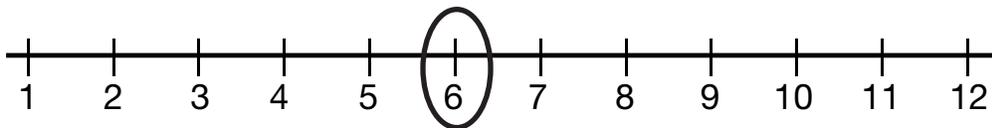


correct digits 1 | 3

10. Katherine paints 9 pictures each week. How many weeks will it take her to paint 36 pictures? 4 weeks.
→

correct digits 1 | 4

11. Circle where $\frac{6}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 2 | 5

12. The boy is 84 pounds. His dog is 8 pounds. How much do the boy and dog weigh together? 92 pounds.
←



8 pounds



84 pounds

correct digits 1 | 2
2 | 5

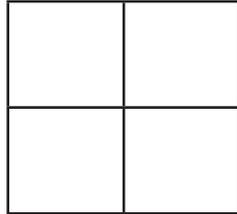
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 16 / Teacher Key**

13. Rose has 43 gold stars and 12 red stars. Today she got 14 blue stars. How many stars does she have in all?

69 stars.

correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 8 \end{array}$

14. What is the area of the rectangle?



4 units²

exact answer,
points per line $1 \mid 1$

15. There are 8 farmers. Each farmer has 8 brown horses and 7 black horses. How many horses is that in total?

$$8 \times (8+7) = \underline{120}$$

correct digits $\begin{array}{r|l} 1 & 3 \\ 2 & 6 \\ 3 & 10 \end{array}$

16. Nora goes to the party at 1:45. She stays for 1 hour 30 minutes. What time should her mom pick her up? 3:15 p.m.



correct digits $\begin{array}{r|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \end{array}$

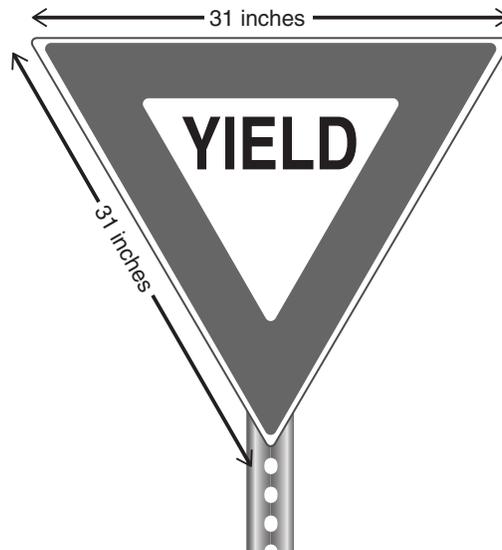
17. Solve:

$$2 \times 9 \times 5 = \underline{90}$$

correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 9 \end{array}$

18. Mark passed a yield sign on his way to the park. What is the perimeter of the sign?

93 inches.



correct digits $\begin{array}{r|l} 1 & 4 \\ 2 & 8 \end{array}$

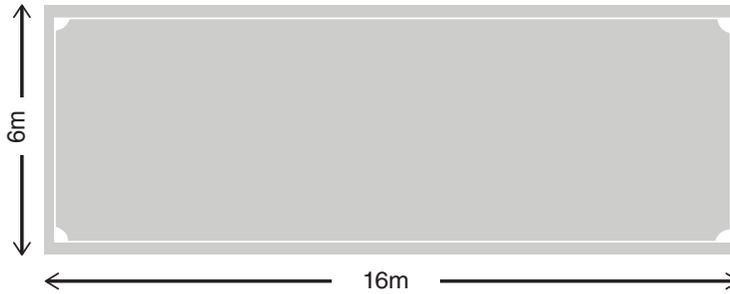
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 16 / Teacher Key

19. The boat costs 8 times as much as the wagon. The wagon costs \$10. How much are the boat and the wagon together?

\$ 90

correct digits 1 | 5
2 | 11

20. Maisy and her friend play in a field. What is the area of the field? 96 m².



correct digits 1 | 2
2 | 5

Scoring Direction

←

Right to Left

or

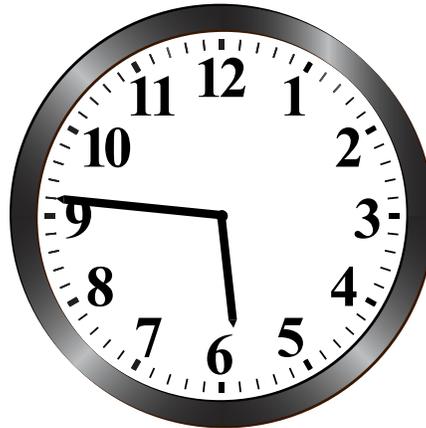
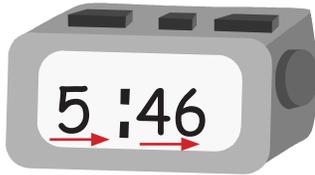
→

Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 17 / Teacher Key

Total: _____

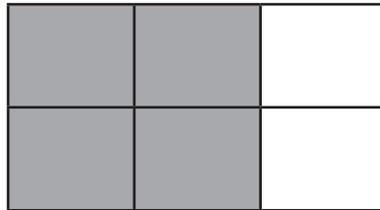
1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:

$$\frac{4}{6}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
689	690	700
836	840	800
316	320	300
758	760	800

exact answer, 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
8 | 8
points per box 8 | 8

4. A bag of seeds is split among 6 birds. Each bird got 7 seeds. How many seeds were in the bag at the start?

$$\underline{42} \div 6 = 7$$

correct digits 1 | 2
2 | 4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{5}{8}$	>	$\frac{1}{8}$
$\frac{2}{11}$	<	$\frac{3}{11}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 17 / Teacher Key**

6. One can has 2 kilograms of dirt. The other can has 6 kilograms. How much dirt do both cans have together?

8 kilograms.
←

correct digits 1 | 3

7. The wolf howls 8 times a night. How many times will it howl in 7 nights? 56 times.
←

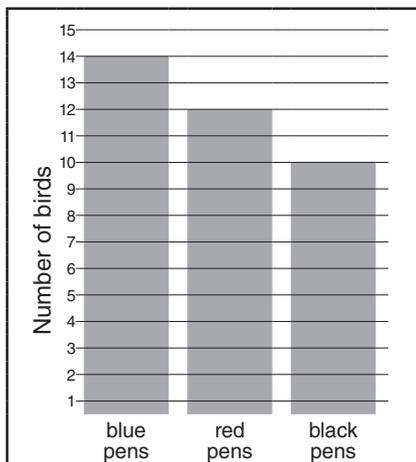
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$9 = \frac{\boxed{9}}{\boxed{1}} \text{ or equivalent} \quad 8 = \frac{\boxed{8}}{\boxed{1}} \text{ or equivalent}$$

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. There are some pens in a box. How many more blue pens are there than red pens? 2 more blue pens.
←

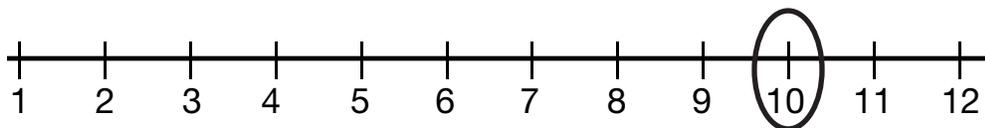


correct digits 1 | 5

10. The fish swims 8 miles each day. How many days will it take the fish to swim 32 miles? 4 days.
→

correct digits 1 | 4

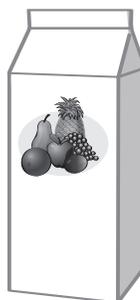
11. Circle where $\frac{10}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 1 | 1

12. The carton had 99 ounces of juice in it. Ella drank 3 ounces of juice. How many ounces of juice are left?

96 ounces.
←



99 ounces

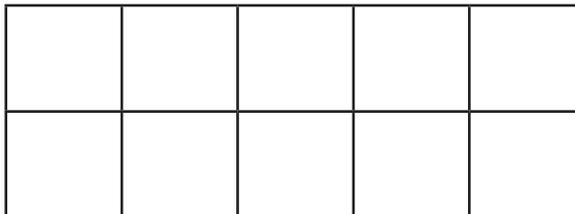
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 17 / Teacher Key**

13. Jim needs to pick 42 apples to win a prize. Yesterday he picked 15 apples. Today he picked 25. How many apples does he still need to pick? 2 apples.

correct digits 1 | 7

14. What is the area of the rectangle?



10 units²

exact answer,
points per line 1 | 1

15. There are 3 children. Each child has 2 red apples and 4 green apples. How many apples is that in total?

$$3 \times (2+4) = \underline{18}$$

correct digits 1 | 3
2 | 7

16. Dad falls asleep on the couch at 3:45. He sleeps for 30 minutes. What time does he wake up? 4:15 p.m.



correct
digits

1 | 1
2 | 2
3 | 3

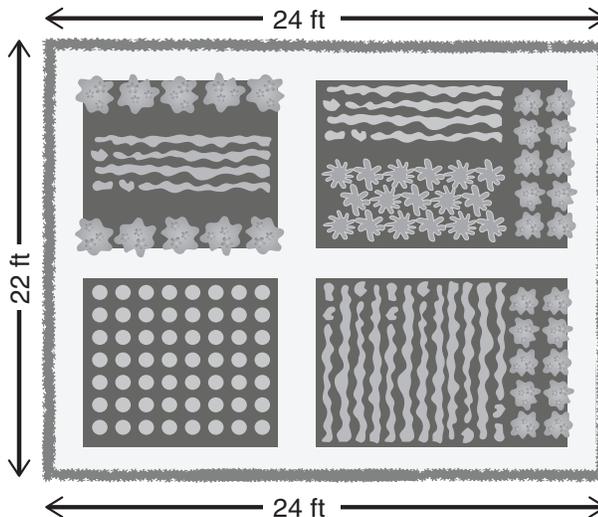
17. Solve:

$$2 \times 8 \times 3 = \underline{48}$$

correct digits 1 | 4
2 | 9

18. The cat hides in the garden. What is the perimeter of the garden?

92 feet.



correct digits 1 | 5
2 | 10

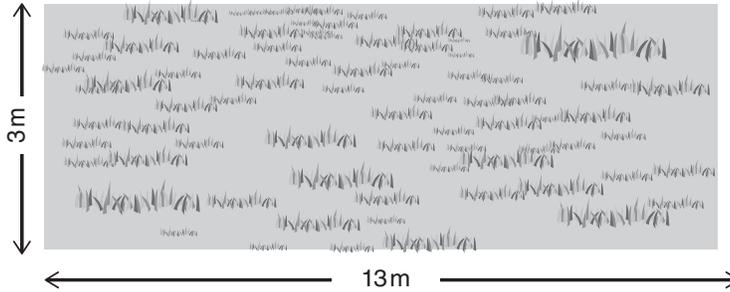
Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 17 / Teacher Key

19. The pie costs 4 times as much as the cake. The cake cost \$5. How much are the pie and the cake together?

\$ 25

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \mid \begin{array}{l} 4 \\ 9 \end{array}$

20. Christopher and his friend play a game in the grass. What is the area of the grass? 39 m².



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \mid \begin{array}{l} 2 \\ 5 \end{array}$

Scoring Direction

←

Right to Left

or

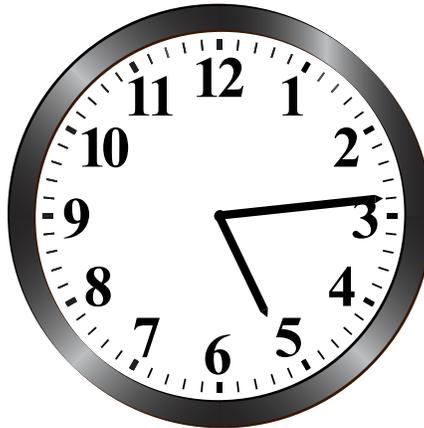
→

Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 18 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

2. Write the fraction for the shaded parts:

$$\frac{1}{4}$$



exact answer, 1 | 1
points per box 2 | 2

3. Round...

Number	...to the nearest 10	...to the nearest 100
680	680	700
105	110	100
682	680	700
537	540	500

exact answer, 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6
7 | 7
points per box 8 | 8

4. A box of stars is split among 4 friends. Each friend got 2 stars. How many stars were in the box at the start?

$$\frac{8}{4} \div 4 = 2$$

correct digits 1 | 3

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{5}{7}$	>	$\frac{2}{7}$
$\frac{2}{10}$	<	$\frac{7}{10}$

exact answer, 1 | 2
points per box 2 | 4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 18 / Teacher Key**

6. The blue pen weighs 3 grams. The red pen weighs 7 grams. How much do both pens weigh together?

10 grams.
←

correct digits 1 | 2
2 | 4

7. Allison washes 8 cars a day. How many cars will she wash in 9 days? 72 cars.
←

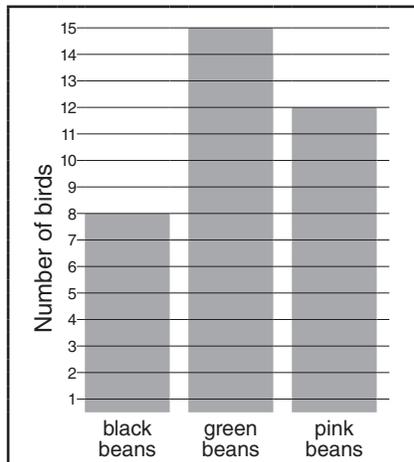
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

4 = $\frac{4}{1}$ or equivalent 5 = $\frac{5}{1}$ or equivalent

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. There is a cup of beans. How many fewer black beans are there than pink beans? 4 fewer black beans.
←

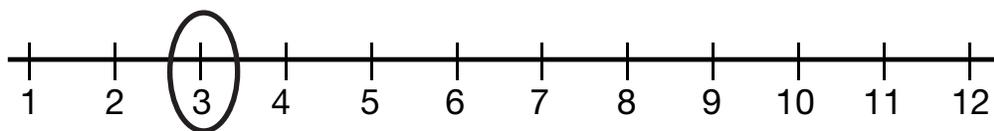


correct digits 1 | 4

10. Max brushes 4 goats each day. How many days will it take him to brush 24 goats? 6 days.
→

correct digits 1 | 4

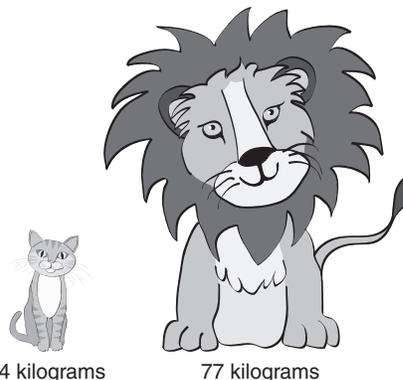
11. Circle where $\frac{3}{1}$ is on the number line:



exact answer, 1 | 1
points per segment 2 | 5
(correct number circled)

12. The cat is 4 kilograms. The lion is 77 kilograms. How much do the cat and lion weigh together?

81 kilograms.
←



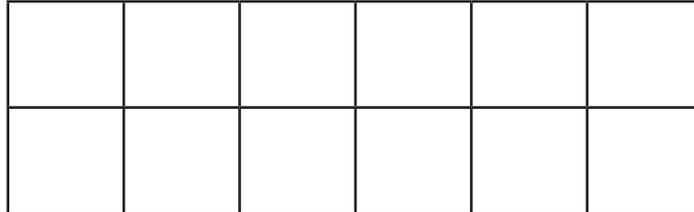
correct digits 1 | 2
2 | 5

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 18 / Teacher Key**

13. Hope wants to run 25 miles this week. Yesterday she ran 11 miles. Today she ran 12 more. How many miles does she still need to run? 2 miles.

correct digits 1 | 7

14. What is the area of the rectangle?



12 units²

exact answer,
points per line 1 | 1

15. There are 6 friends. Each friend has 3 blue cups and 4 red cups. How many cups is that in total?

$$6 \times (3+4) = \underline{42}$$

correct digits 1 | 3
2 | 7

16. Lila goes for a walk 10:45. She walks for 15 minutes. What time is she done walking? 11:00 a.m.



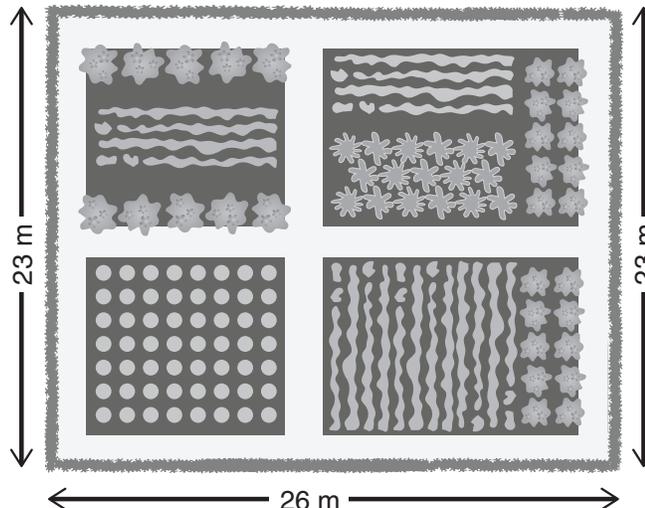
correct
digits
1 | 1
2 | 2
3 | 3

17. Solve:

$$4 \times 9 \times 2 = \underline{72}$$

correct digits 1 | 4
2 | 9

18. Friends play hide and seek in the park. What is the perimeter of the park? 98 meters.



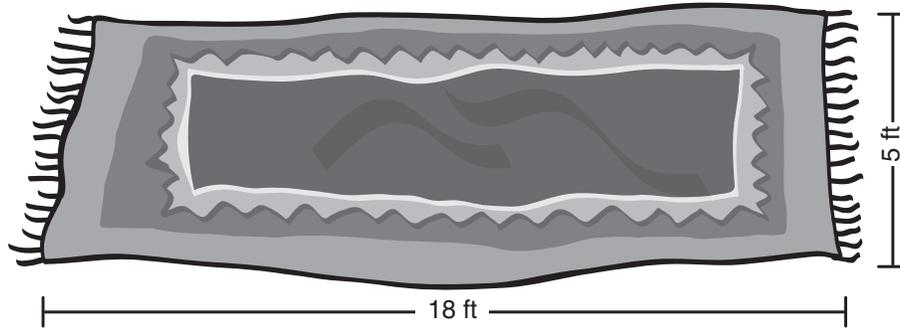
correct digits 1 | 5
2 | 10

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 18 / Teacher Key

19. The pan costs 8 times as much as the bowl. The bowl costs \$6. How much are the pan and the bowl together? \$ 54

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \mid \begin{array}{l} 4 \\ 9 \end{array}$

20. The children sit on a rug. What is the area of the rug? 90 ft².



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \mid \begin{array}{l} 2 \\ 5 \end{array}$

Scoring Direction



Right to Left

or

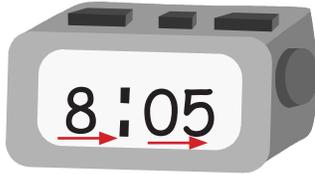


Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 19 / Teacher Key

Total: _____

1. Fill in the time on the digital clock:



correct digits

1	1
2	2
3	3

2. Write the fraction for the shaded parts:

$$\frac{\boxed{1}}{\boxed{2}}$$



exact answer,

1	1
2	2

points per box

3. Round...

Number	...to the nearest 10	...to the nearest 100
879	880	900
573	570	600
371	370	400
205	210	200

exact answer,

1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8

points per box

4. A box of rocks is split among 7 friends. Each friend got 2 rocks. How many rocks were in the box at the start?

$$\underline{14} \div 7 = 2$$

correct digits

1	2
2	4

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{1}{7}$	<	$\frac{2}{7}$
$\frac{8}{9}$	>	$\frac{6}{9}$

exact answer,

1	2
2	4

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 19 / Teacher Key**

6. One jar has 4 quarts of water. The other jar has 1 quart of water. How much water is in both jars? 5 quarts.

correct digits 1 | 3

7. The teacher gives out 5 prizes a day. How many prizes will she give out in 9 days? 45 prizes.

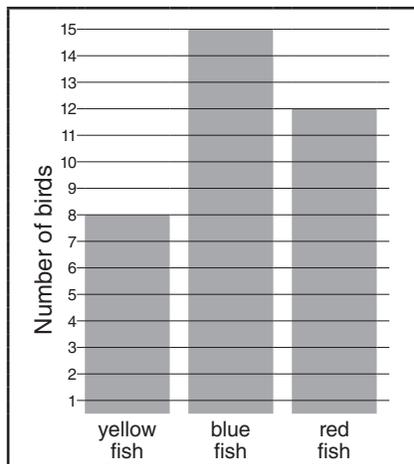
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$5 = \frac{\boxed{5}}{\boxed{1}} \text{ or equivalent } 6 = \frac{\boxed{6}}{\boxed{1}} \text{ or equivalent}$$

exact answer, 1 | 1
points per box 2 | 2
3 | 3
4 | 4

9. There are some fish in a pond. How many fewer red fish are there than blue fish? 3 fewer red fish.

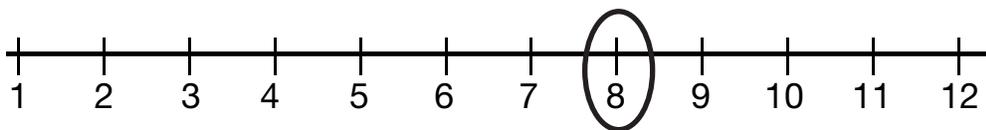


correct digits 1 | 5

10. The farmer milks 4 cows each day. How many days will it take her to milk 16 cows? 4 days.

correct digits 1 | 4

11. Circle where $\frac{8}{1}$ is on the number line:



exact answer, 1 | 1
points per segment (correct number circled) 2 | 5

12. The bag of sand is 7 pounds. The bag of rocks is 73 pounds. How much do both bags weigh together?

80 pounds.



73 pounds of rocks



7 pounds of sand

correct digits 1 | 2
2 | 5

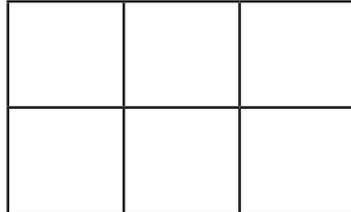
**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 19 / Teacher Key**

13. The farmer has 36 black goats and 11 white goats. He also has 12 brown goats. How many goats does he have all together?

59 goats.

correct digits 1 | 4
2 | 8

14. What is the area of the rectangle?



6 units²

exact answer,
points per line 1 | 1

15. There are 7 cooks. Each cook makes 4 apple pies and 4 cream pies. How many pies is that in total?

$$7 \times (4+4) = \underline{56}$$

correct digits 1 | 3
2 | 7

16. Kaylee goes to a movie with her friends at 5:45. The movie lasts 1 hour 45 minutes. What time should her mom pick them up?

7:30 p.m.



correct
digits
1 | 1
2 | 2
3 | 3

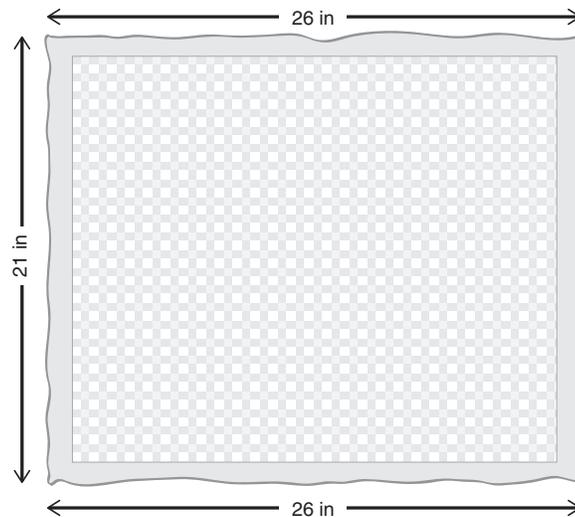
17. Solve:

$$7 \times 3 \times 2 = \underline{42}$$

correct digits 1 | 4
2 | 9

18. The baby has a blanket. What is the perimeter of the blanket?

94 inches.



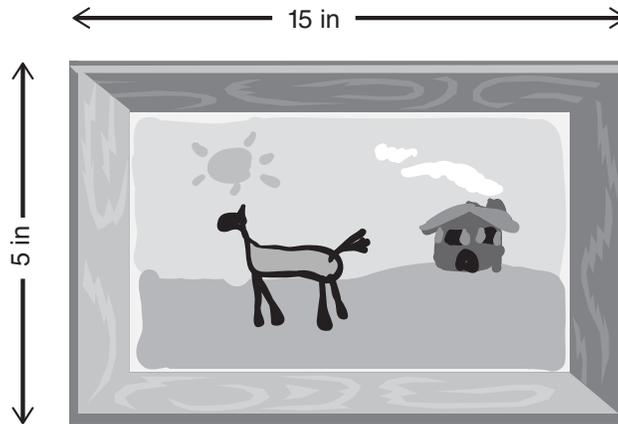
correct digits 1 | 5
2 | 10

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 19 / Teacher Key

19. The food costs 4 times as much as the drink. The drink cost \$2. How much are the food and the drink together? \$ 10

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 3 \\ 7 \end{array}$

20. Emily paints a picture. What is the area of the picture? 75 in².



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 5 \end{array}$

Scoring Direction

←

Right to Left

or

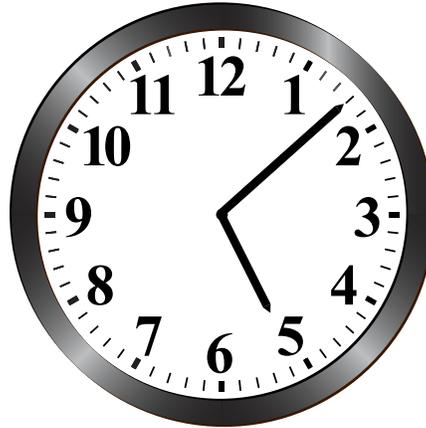
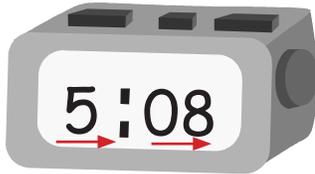
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Left to Right

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 20 / Teacher Key

Total: _____

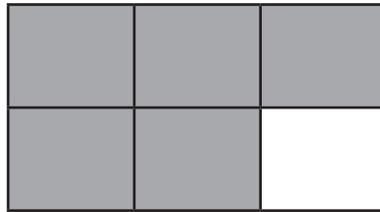
1. Fill in the time on the digital clock:



correct digits $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \end{array}$

2. Write the fraction for the shaded parts:

$$\frac{5}{6}$$



exact answer, points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \end{array}$

3. Round...

Number	...to the nearest 10	...to the nearest 100
764	760	800
478	480	500
434	430	400
572	570	600

exact answer, points per box $\begin{array}{l|l} 1 & 1 \\ 2 & 2 \\ 3 & 3 \\ 4 & 4 \\ 5 & 5 \\ 6 & 6 \\ 7 & 7 \\ 8 & 8 \end{array}$

4. A box of gifts is split among 7 friends. Each friend got 2 gifts. How many gifts were in the box at the start?

$$\underline{14} \div 2 = 7$$

correct digits $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

5. Compare the fraction in Box 1 with the fraction in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
$\frac{3}{4}$	>	$\frac{1}{4}$
$\frac{6}{9}$	<	$\frac{8}{9}$

exact answer, points per box $\begin{array}{l|l} 1 & 2 \\ 2 & 4 \end{array}$

**Acadience™ Math / Concepts and Applications
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6. One bottle has 6 pints of juice. The other bottle has 7 pints of juice. How much juice is in both bottles? 13 pints.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 4 \end{array}$

7. Jamie reads 3 books a day. How many books will he read in 6 days? 18 books.

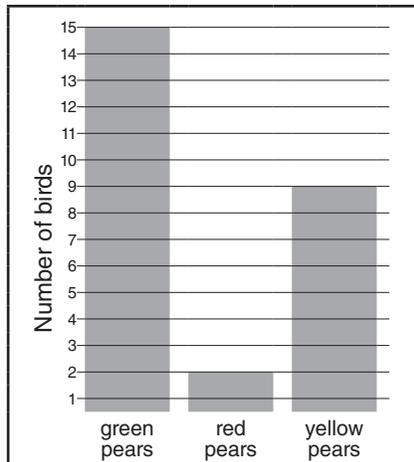
correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 4 \end{array}$

8. Write the fraction for the whole number:

$$6 = \frac{\boxed{6}}{\boxed{1}} \text{ or equivalent} \quad 8 = \frac{\boxed{8}}{\boxed{1}} \text{ or equivalent}$$

exact answer, points per box $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array} \bigg| \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array}$

9. Dad brought home some pears. How many fewer red pears are there than green pears? 13 fewer red pears.

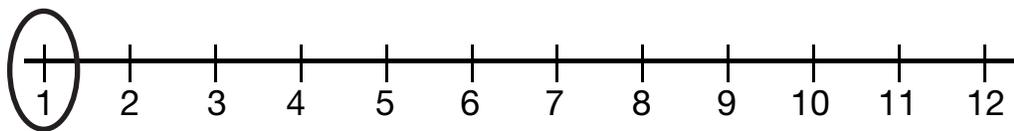


correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 5 \end{array}$

10. Jack plays 9 games each day. How many days will it take him to play 27 games? 3 days.

correct digits $1 \bigg| 4$

11. Circle where $\frac{1}{4}$ is on the number line:



exact answer, points per segment (correct number circled) $1 \bigg| 1$

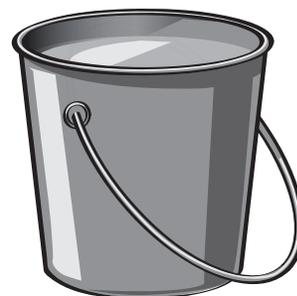
12. The jar has 9 cups of water. The pail has 64 cups of water.

How much water do both the jar and pail have together?

73 cups.



9 cups



64 cups

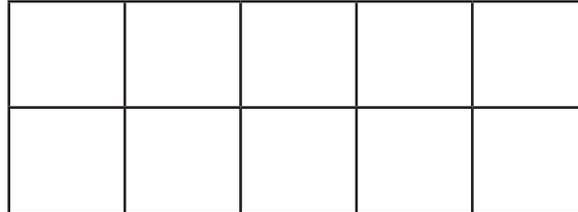
correct digits $\begin{array}{l} 1 \\ 2 \end{array} \bigg| \begin{array}{l} 2 \\ 5 \end{array}$

**Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 20 / Teacher Key**

13. The store has 48 brown coats and 17 black coats. It also has 16 green coats. How many coats does the store have all together?
81 coats.

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 8 \end{array}$

14. What is the area of the rectangle?



10 units²

exact answer,
points per line $\begin{array}{l} 1 \\ 1 \end{array}$

15. There are 6 clowns. Each clown has 7 red balls and 6 blue balls. How many balls is that in total?

$$6 \times (7+6) = \underline{78}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

16. Devon starts to clean her room at 11:45. It takes 30 minutes. What time does she finish? 12:15 p.m.



correct
digits
 $\begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array} \begin{array}{l} 1 \\ 2 \\ 3 \\ 4 \end{array}$

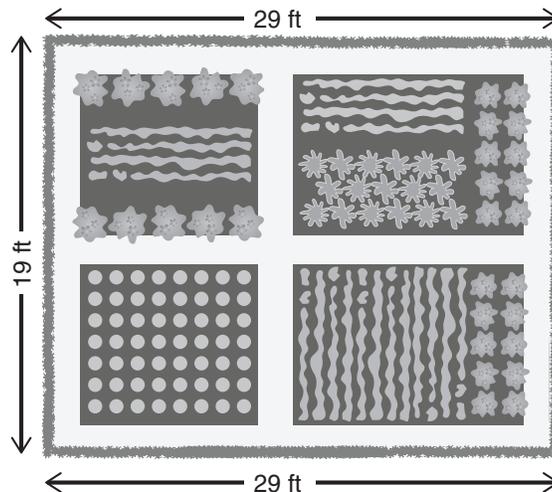
17. Solve:

$$3 \times 4 \times 2 = \underline{24}$$

correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 4 \\ 9 \end{array}$

18. Dad works in the garden. What is the perimeter of the garden?

96 feet.



correct digits $\begin{array}{l} 1 \\ 2 \end{array} \begin{array}{l} 5 \\ 10 \end{array}$

Acadience™ Math / Concepts and Applications
Level 3 / Progress Monitoring 20 / Teacher Key

19. The fence costs 8 times as much as the pole. The pole cost \$11. How much are the fence and the pole together? \$ 99

correct digits 1 | 5
2 | 11

20. Nick cut out a piece of paper. What is the area of the piece of paper? 36 in².



correct digits 1 | 2
2 | 5