

acadience™ math

Concepts and Applications

Grade 2 | Benchmark Assessment

Teacher Key

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These are photocopy masters for teacher keys. Make one copy for each person scoring the assessment.

Scoring Direction

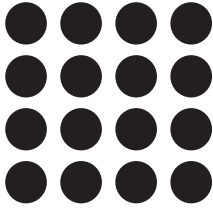
Right to Left
or

Left to Right

Acadience™ Math / Concepts and Applications Grade 2 / Benchmark 1 / Teacher Key

Total: _____

1. How many circles are there in total?



$$\underline{4} + \underline{4} + \underline{4} + \underline{4} = \underline{16}$$

correct digits 1 | 1
2 | 2
3 | 3
4 | 4
5 | 5
6 | 6

2. How many shares is the rectangle divided into? 3 shares.



exact answer, points per line 1 | 1

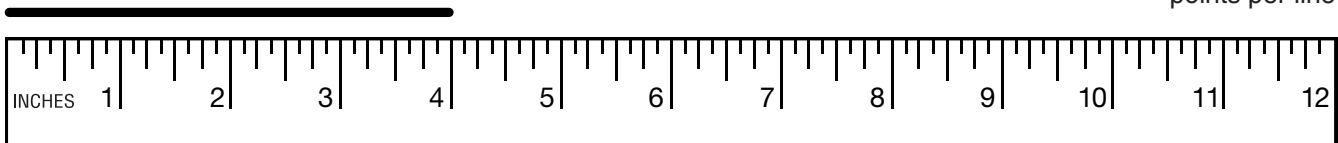
3. Compare the number in Box 1 with the number in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
276	<	437
797	>	772
172	<	623

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

4. What is the length of the line in inches? 4 inches.

exact answer, points per line 1 | 1

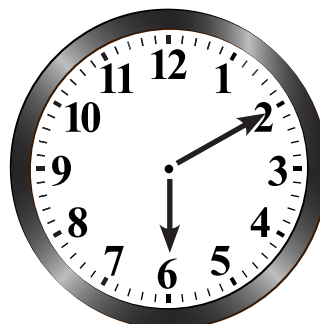


5. Sally has 4 red toy cars, 5 blue toy cars, and 6 green toy cars. How many toy cars does she have in total?

15 toy cars.

correct digits 1 | 2
2 | 5

6. Draw the time on the clock:



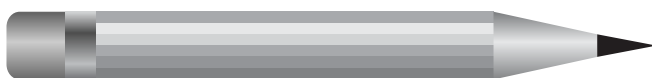
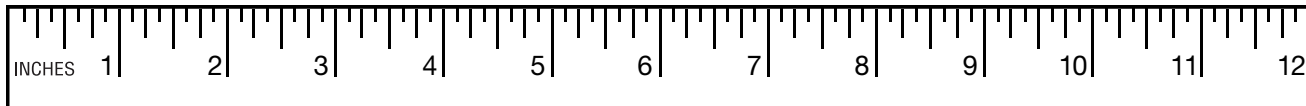
exact answer, points per segment 1 | 1
2 | 2
(minute hand and hour hand)

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7. Dan has 8 black ants and 3 red ants in his ant farm. How many ants does he have in all? 11 ants.

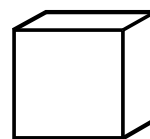
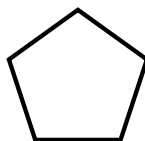
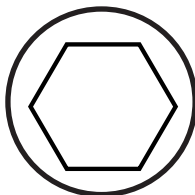
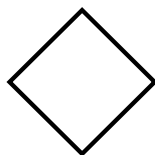
correct digits $\begin{array}{r} 1 \\ 2 \end{array} \bigg| \begin{array}{r} 2 \\ 4 \end{array}$

8. How much shorter is the crayon than the pencil? 4 inches.



correct digits $1 \bigg| 3$

9. Circle the hexagon:

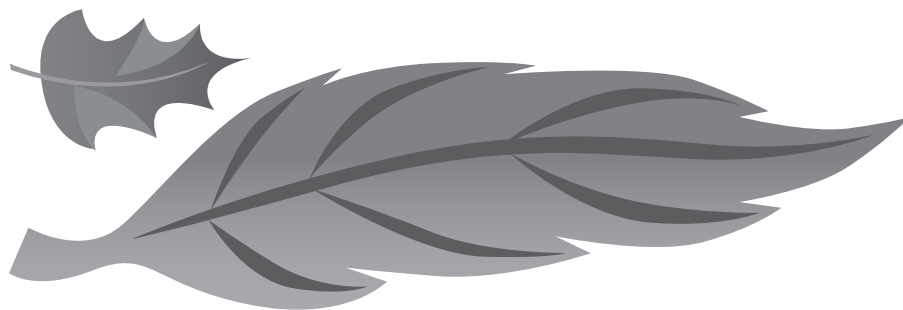
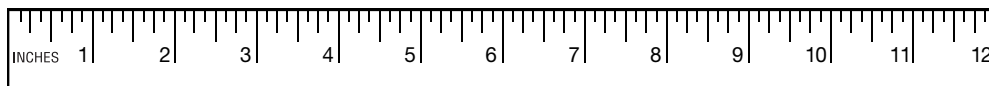


exact answer,
points per
segment
(correct shape circled)
 $1 \bigg| 1$

10. What is 16 less than 629? 613

correct digits $\begin{array}{r} 1 \\ 2 \\ 3 \end{array} \bigg| \begin{array}{r} 3 \\ 5 \\ 8 \end{array}$

11. Anna found some leaves in the woods by her school. One of the leaves is 3 inches long. The other leaf is 11 inches long. How many inches are both the leaves together? 14 inches.



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

12. Bill and his friends were swimming in the pool. 9 more friends show up to swim. There are now 18 people in the pool. How many people were in the pool in the beginning?

$$\begin{array}{r} 9 \\ + 9 \\ \hline 18 \end{array}$$

correct digits $1 \bigg| 4$

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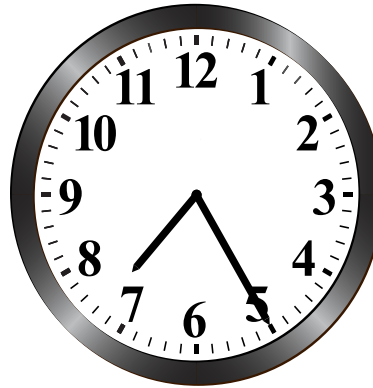
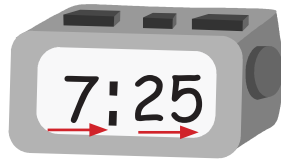
13. Write the number...

Number	...in the 1s place	...in the 10s place
248	8	4
782	2	8
126	6	2

exact answer, points per box

1	1
2	2
3	3
4	4
5	5
6	6

14. Fill in the time on the digital clock:



correct digits

1	1
2	2
3	3

15. José has 14 gumballs, but gives 5 of them away. He then gives 3 more away. How many gumballs does José have now? 6 gumballs.

correct digits 1 | 7

16. You have 2 quarters, 2 dimes, and 1 penny. How many cents do you have to spend? 71 ¢.

correct digits 2 | 5

Scoring Direction

Right to Left
or

Left to Right

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Total: _____

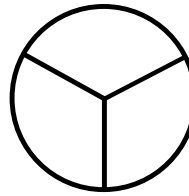
1. How many squares are there in total?



$$\underline{4} + \underline{4} = \underline{8}$$

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

2. How many shares is the circle divided into? 3 shares.



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

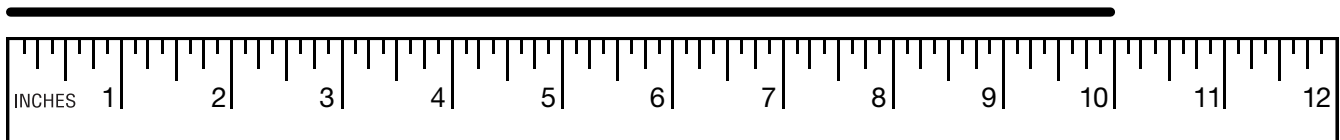
3. Compare the number in Box 1 with the number in Box 2. Fill in the blank with > (greater than), = (equal to), or < (less than):

Box 1	>, =, <	Box 2
294	<	312
815	>	805
241	<	578

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

4. What is the length of the line in inches? 10 inches.

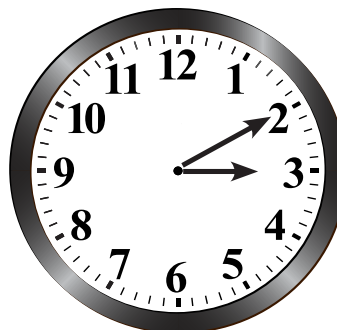
exact answer, points per line $1 \mid 1$



5. Lisa has 2 cakes with red frosting, 8 cakes with blue frosting, and 4 cakes with yellow frosting. How many cakes does she have? 14 cakes.

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

6. Draw the time on the clock:



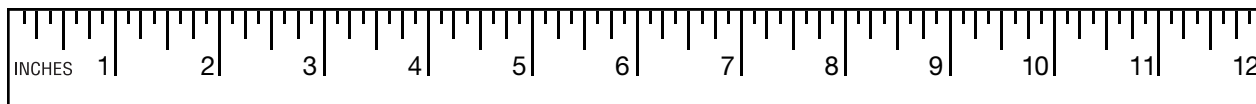
exact answer, points per segment $\begin{array}{c|c} 1 & 1 \\ 2 & 2 \end{array}$
(minute hand and hour hand)

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7. Drew has 8 yellow trucks and 6 red trucks. How many trucks does he have in all? 14 trucks.

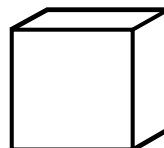
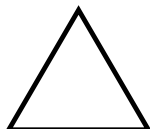
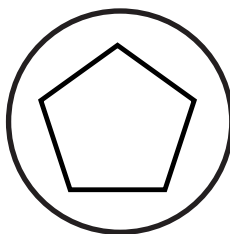
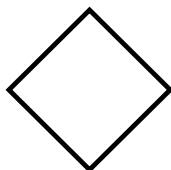
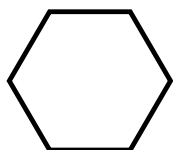
correct digits $\begin{array}{r|l} 1 & 2 \\ 2 & 4 \end{array}$

8. How much longer is the pencil than the crayon? 5 inches.



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

9. Circle the pentagon:

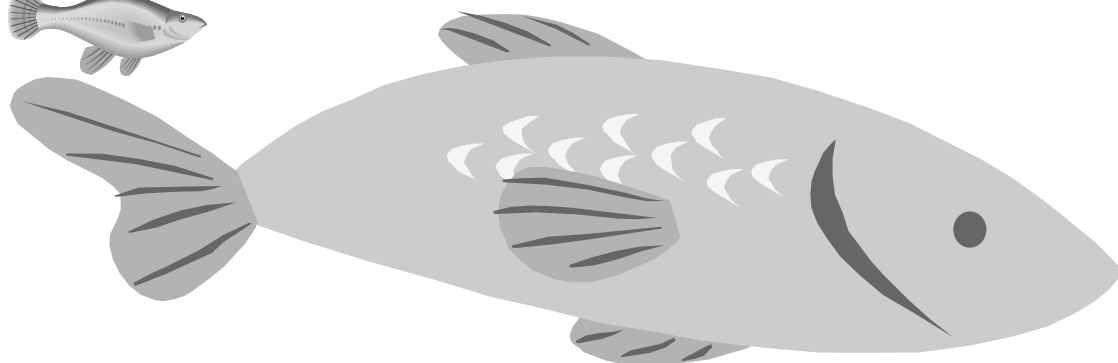
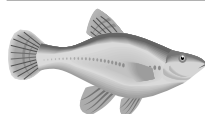
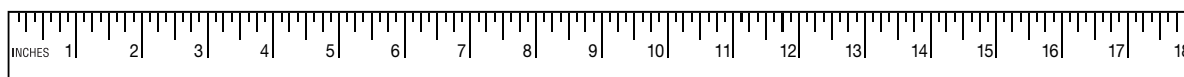


exact answer,
points per segment $\begin{array}{r|l} 1 & 1 \end{array}$
(correct shape circled)

10. What is 11 more than 486? 497

correct digits $\begin{array}{r|l} 1 & 3 \\ 2 & 5 \\ 3 & 8 \end{array}$

11. Marty has one fish that is 3 inches long. His sister gives him another fish that is 17 inches long. How many inches are both the fish together? 20 inches.



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

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12. Maria and her friends were playing in the park. 6 more friends show up to play. There are now 15 people in the park. How many people were in the park in the beginning?

$$\underline{9} + 6 = 15$$

correct digits 1 | 4

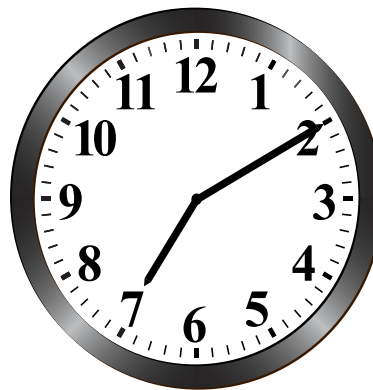
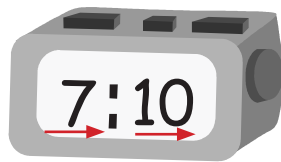
13. Write the number...

Number	...in the 1s place	...in the 10s place
183	3	8
275	5	7
128	8	2

exact answer, points per box

1	1
2	2
3	3
4	4
5	5
6	6

14. Fill in the time on the digital clock:



correct digits 1 | 2
3 | 3

15. June has 13 pencils, but gives 4 of them away. She then gives 7 more away. How many pencils does June have now? 2 pencils.

correct digits 1 | 7

16. You have 1 quarter, 2 nickels, and 2 pennies. How many cents do you have to spend? 37 ¢.

correct digits 1 | 4
2 | 8

Scoring Direction

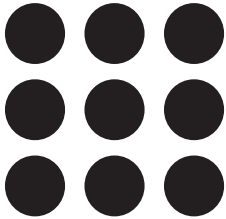
Right to Left
or

Left to Right

Acadience™ Math / Concepts and Applications Grade 2 / Benchmark 3 / Teacher Key

Total: _____

1. How many circles are there in total?



$$\underline{3} + \underline{3} + \underline{3} = \underline{9}$$

correct digits

1	1
2	2
3	3
4	4

2. How many shares is the rectangle divided into? 4 shares.



exact answer, points per line

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

Box 1	>, =, <	Box 2
199	<	226
771	<	927
816	>	458

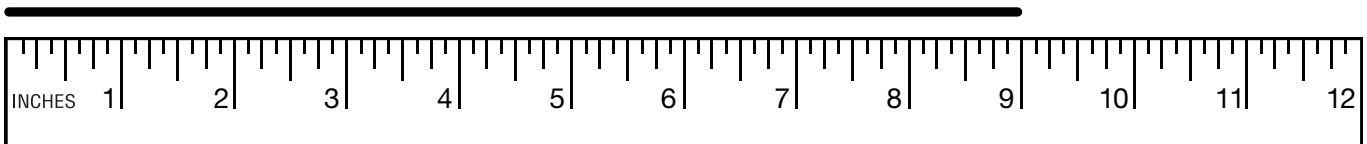
exact answer, points per box

1	1
2	2
3	3

4. What is the length of the line in inches? 9 inches.

exact answer, points per line

1	1
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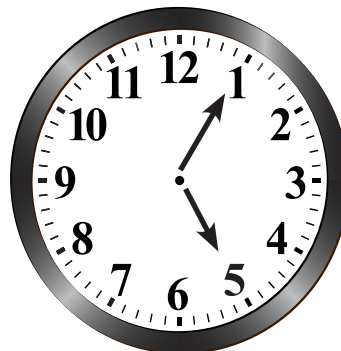
5. Sam has 6 pink blocks, 8 blue blocks, and 8 red blocks. How many blocks does she have?

22 blocks.

correct digits

1	2
2	5

6. Draw the time on the clock:



exact answer, points per segment (minute hand and hour hand)

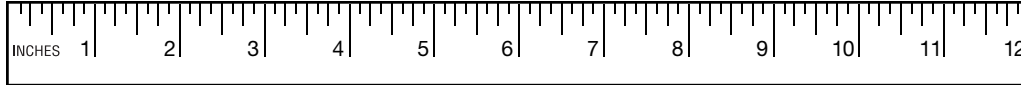
1	1
2	2

Acadience™ Math / Concepts and Applications
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7. Ross has 9 yellow apples and 5 red apples. How many apples does he have in all? 14 apples.

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

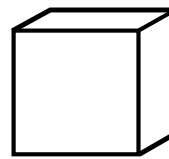
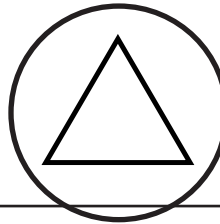
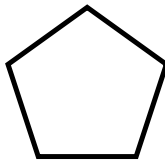
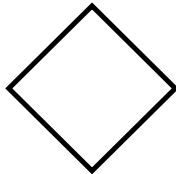
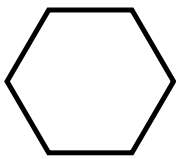
8. How much longer is the pencil than the crayon? 6 inches.



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

9. Circle the triangle:

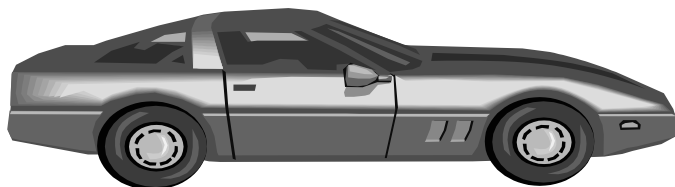
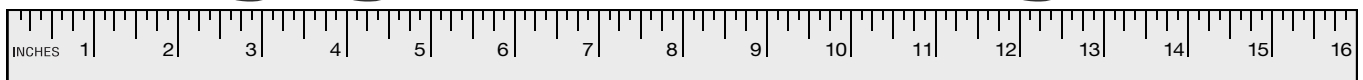
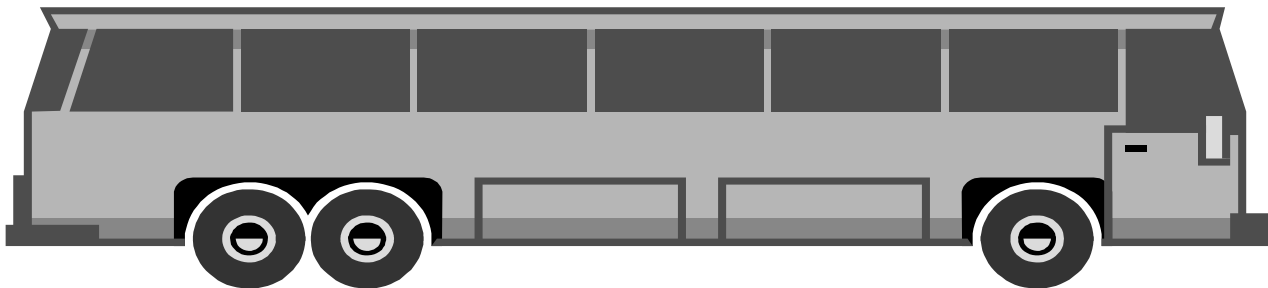
exact answer,
points per segment $\begin{array}{r} 1 \\ 1 \end{array} \bigg| 1$
 (correct shape circled)



10. What is 17 more than 322? 339

correct digits $\begin{array}{r} 1 \\ 2 \\ 3 \end{array} \bigg| \begin{array}{r} 3 \\ 5 \\ 8 \end{array}$

11. There are two toys. The car is 8 inches and the bus is 15 inches. How many inches are both the car and bus together? 23 inches.



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

Acadience™ Math / Concepts and Applications
Grade 2 / Benchmark 3 / Teacher Key

12. Emma was playing a game of checkers. She won 8 pieces in her last turn. Now she has 14 pieces. How many pieces did she earn in her other turns?

$$\underline{6} + 8 = 14$$

correct digits 1 | 4

13. Write the number...

Number	...in the 1s place	...in the 10s place
916	6	1
462	2	6
786	6	8

exact answer, points per box

1	1
2	2
3	3
4	4
5	5
6	6

14. Fill in the time on the digital clock:



correct digits 1 | 1
2 | 2
3 | 3

15. Nick has 18 books, but gives 2 of them away. Then he gives 8 more away. How many books does Nick have now? 8 books.

correct digits 1 | 9

16. You have 1 quarter, 2 dimes, and 1 penny. How many cents do you have to spend? 46 ¢.

correct digits 1 | 4
2 | 9