acadience®math

Concepts and Applications

Grade 3 | Benchmark 3

Teacher Key

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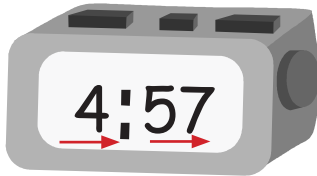
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Acadience® Math / Concepts and Applications
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Total: _____

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1. Fill in the time on the digital clock:

4:57

correct digits	1	1
	2	2
	3	3

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2. Write the fraction for the shaded parts:

$$\frac{2}{8}$$

exact answer,	1	1
points per box	2	2

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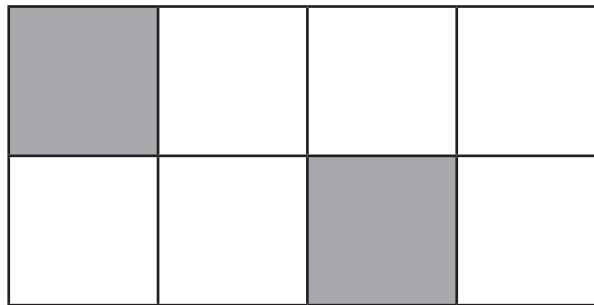
3. Round...

Number	...to the nearest 10	...to the nearest 100
503	500	500
257	260	300
772	770	800
625	630	600

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

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

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

correct digits	1	2
	2	4

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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
$\frac{4}{11}$	<	$\frac{7}{11}$
$\frac{3}{6}$	>	$\frac{2}{6}$

exact answer,	1	2
points per box	2	4

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6. One button weighs 3 grams and the other weighs 5 grams. How much did both buttons weigh in grams? ____**8**____ grams.

correct digits 1 **|** 3

7. Tom helps to pass out the drinks during snack time. He passes out 7 drinks each day. How many drinks does he pass out after

4 days? ____**28**____ drinks.
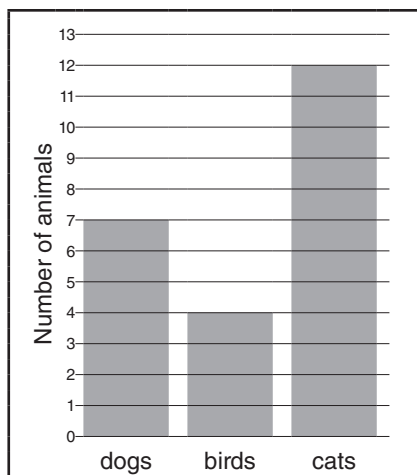
correct digits 1 | 2
2 | 4

8. Write the fraction for the whole number:

$$6 = \frac{6}{1} \text{ or equivalent} \quad 3 = \frac{3}{1} \text{ or equivalent}$$

exact answer,
points per box

1 | 1
2 | 2
3 | 3
4 | 4

9. How many more cats are there than
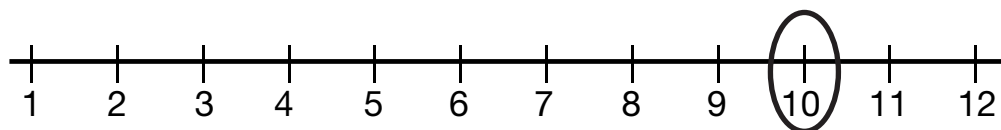
dogs? ____**5**____ more cats.

correct digits 1 **|** 4

10. Anna can put together 7 puzzle pieces in a day. Her puzzle has 49 pieces. How many days will it take her to finish the puzzle?

____**7**____ days.
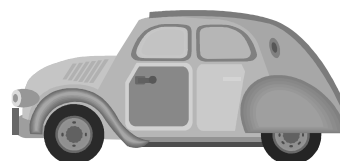
correct digits 1 **|** 4

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

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

12. One toy car was 59 ounces and the other was 9 ounces.

How much do the two cars weigh together?

____**68**____ ounces.
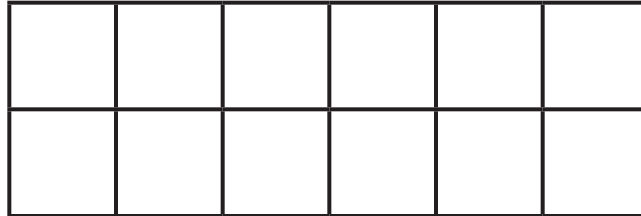

59 ounces   9 ounces

correct digits 1 | 2
2 | 5

13. Alex wants to buy 41 stickers. He buys 12 star and 23 animal stickers. How many stickers does he still have to buy?

_____6_____ stickers.

correct digits 1 | 11

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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 8 carrot sticks and 4 celery sticks. How many carrot and celery sticks is that in total?

7 x (8 + 4) = _____84_____

correct digits 1 | 4
                2 | 9

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16. Emily has a newspaper route. She starts at 3:45 p.m. on Saturday. It takes her 1 hour and 30 minutes to deliver all the papers. What time does she finish? _____5:15_____ p.m.

3:30   3:45   4:00   4:15   4:30   4:45   5:00   5:15   5:30
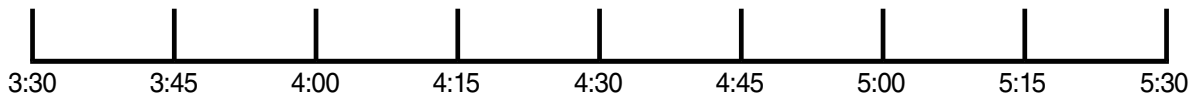
correct
digits

1 | 1
2 | 2
3 | 3

---

17. Solve:

3 x 8 x 3 = _72_

correct digits 1 | 4
                2 | 9

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18. There is a sign in front of the library.
What is the perimeter of the sign?

_____76_____ inches.

19 inches
19 inches
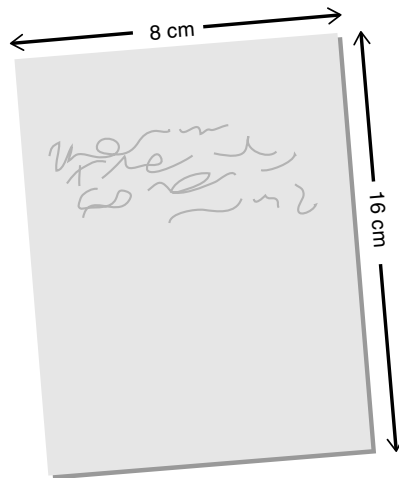19 inches

correct digits 1 | 5
                2 | 10

19. A book costs 8 times as much as a comic book. The comic book costs $7. How much are they together? $ _____63_____

correct digits

1	4
2	9

20. Hope found a note from her grandmother in her lunchbox. What is the area of the note?

_____128_____ cm².

8 cm

16 cm

correct digits

1	2
2	4
3	6