



**THIRD SPACE
LEARNING**

3rd Grade Virginia Practice Test

Practice Test Grade 3

Grade 3

Questions

Name:

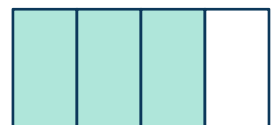
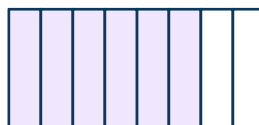
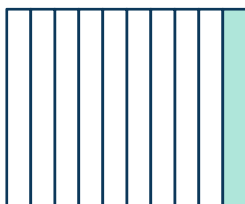
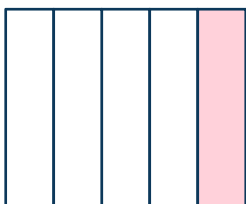
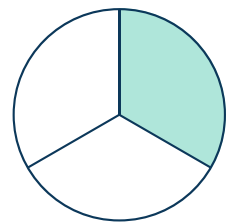
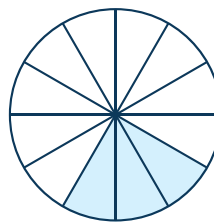
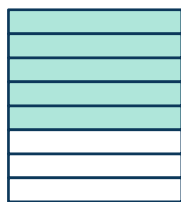
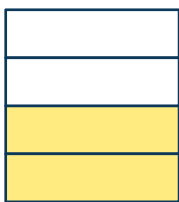
Class:

Date:

Score:

35 questions**You are NOT permitted to use calculators.****1** Which statement can be represented by the expression 3×8 ?

- A. A teacher puts desks into 3 rows of 8.
- B. There are 3 birds in a tree. Then, 8 more join them in the tree.
- C. Jill buys 3 red balloons and 8 blue balloons.
- D. Toni has 8 marbles and gives 3 of them away to his friends.

2 Use $<$, $>$ or $=$ to make the comparisons of the fraction models.

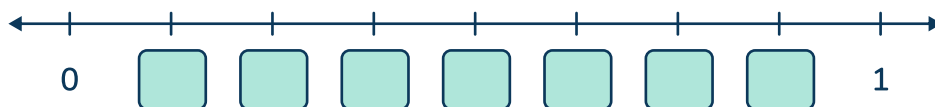
- 3 David has been collecting marbles. He has been placing the marbles in a large jar. Altogether, David has collected 57 marbles. He decides to give 19 marbles to his friend.

How many marbles does David have left?


Create an equation and solve the equation. Show your work in the space below.

 Answer

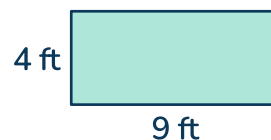
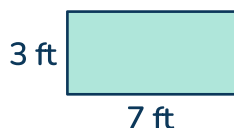
-
- 4 Place the number $\frac{5}{8}$ on the number line.



- 5 Write in standard form, “Five hundred ten thousand, two”

 Answer

- 6 Find the area of each rectangle:



Area = _____

Area = _____

Area = _____

- 7 Lucas collects 7 marbles each day. This creates a pattern of 7, 14, 21, ...


How many marbles will Lucas have at the end of the eighth day?

- A. 28
- B. 63
- C. 56
- D. 49

- 8 Enter your answer in the space.

$$614 + \underline{\hspace{2cm}} = 639$$

-
- 9 Ty arrives at his friend's house at 2:14 pm and leaves at 2:55 pm.
How many minutes did Ty spend at his friend's house?

 Answer

-
- 10 What numbers make the equations true?

$$8 - \underline{\hspace{2cm}} = 5$$

$$80 - \underline{\hspace{2cm}} = 50$$

$$800 - \underline{\hspace{2cm}} = 500$$

11 What is 7,685 rounded to the nearest thousand?

- A. 7,700
 - B. 8,000
 - C. 7,000
 - D. 8,700
-

12 Select the number that makes the comparison true.

$$2,469 < \underline{\hspace{2cm}}$$

- A. 2,468
 - B. 2,476
 - C. 2,466
 - D. 2,467
-

13 Donny needs to put 14 chairs from classroom 1 and 18 chairs from classroom 2 into even rows in the library.

Use the grid to shade in an appropriate array to represent the chairs in the library.

14 Kelly is making cupcakes.

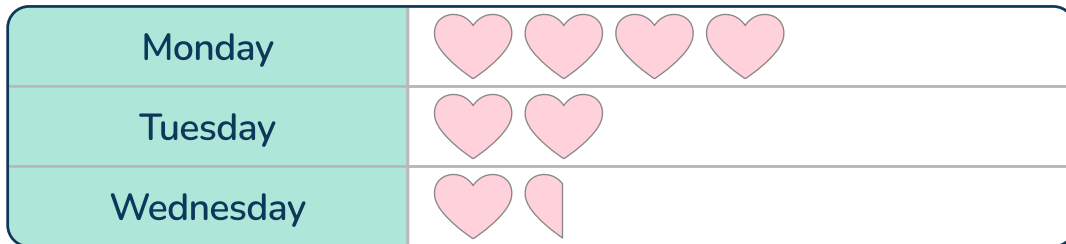
- It takes 6 minutes to mix the batter.
- The cupcakes bake for 15 minutes.
- The cupcakes then cool for 4 minutes.

Write an equation and solve it for the total amount of time, in minutes, Kelly spends mixing, baking, and cooling the cupcakes.

 Answer


- 15 Use the information in the graph below to answer the questions.

Animal Shelter Pet Adoptions

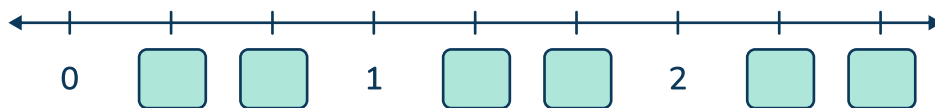


 = 4 pet adoptions

How many more pet adoptions were there on Monday than on Tuesday and Wednesday?

 Answer

- 16 Place the improper fraction, $\frac{7}{3}$ in the correct space on the number line below.



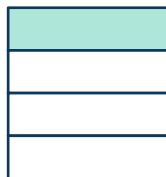
- 17 Label the place value of the digits in the number below.

207,189

Place value of 0 _____

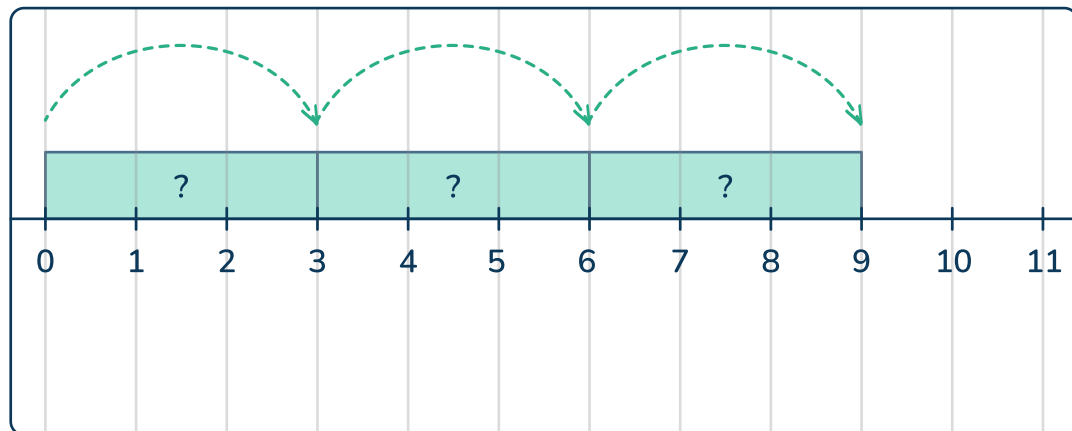
Place value of 1 _____

-
- 18 Use the model of the unit fraction to determine how many models are needed for the fraction, $1\frac{3}{4}$



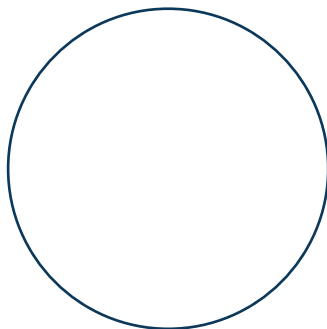
Answer: _____

- 19 Select the expression that represents the number line.



- A. $3 + 3$
- B. 3×3
- C. 9×3
- D. $9 + 3$

-
- 20 Use the circle below to represent the fraction $\frac{3}{8}$.



- 21 Lee's grandfather collects baseball cards. His grandfather goes to a baseball card trading show where he can trade, sell, and buy baseball cards. Lee's grandfather goes to the show with 103 of his cards. While he is there he decides to sell 14 cards and buy 19 cards. How many cards does he leave the show with?

 Answer

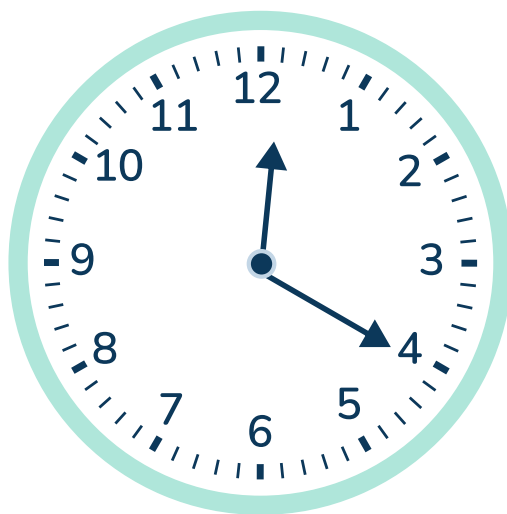
-
- 22 What number makes the equations true?

$$8 \times \underline{\hspace{2cm}} = 64$$

$$64 \div 8 = \underline{\hspace{2cm}}$$

- A. 6
- B. 8
- C. 9
- D. 7

- 23 What time is shown on the clock? Write the answer in the space provided.



Answer:_____


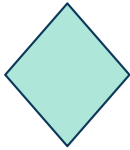
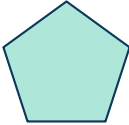
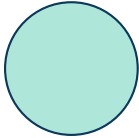

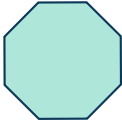





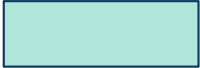
- 24 Lucinda has the coins shown in the image below.



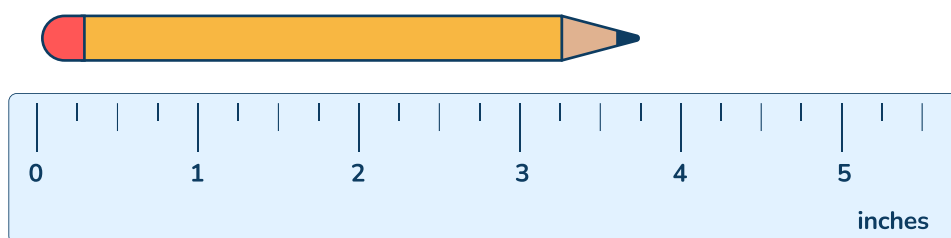
She needs 80 cents, which of the following coins does she need?

- A. 3 dimes
- B. 1 quarter and 1 nickel
- C. 1 quarter and 1 dime
- D. 4 dimes

25 Which group of shapes only has quadrilaterals?

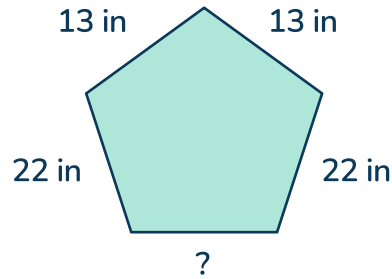
- A.   
- B.   
- C.   
- D.   

26 What is the length of the pencil in inches?



- A. $3\frac{3}{4}$ inches
- B. 3 inches
- C. 4 inches
- D. $3\frac{1}{2}$ inches

- 27 The figure below has a perimeter of 81 inches. Find the length of the missing side. Place your answer in the space below.




Missing side = _____

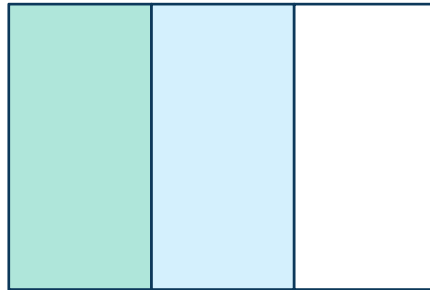
- 28 Lena has 6 10-liter bottles of water. How many total liters of water does she have?

Total liters= _____

- 29 Neela has three turtles. Each turtle eats 3 ounces of food each day. Neela has 54 ounces of turtle food. How many more days can Neela feed her turtles with the food she has?

 Answer

- 30 Dylan partitioned the wall in his bedroom into three equal parts. He decided to paint one part green, one part blue and one part white. What fraction of the wall is painted green?

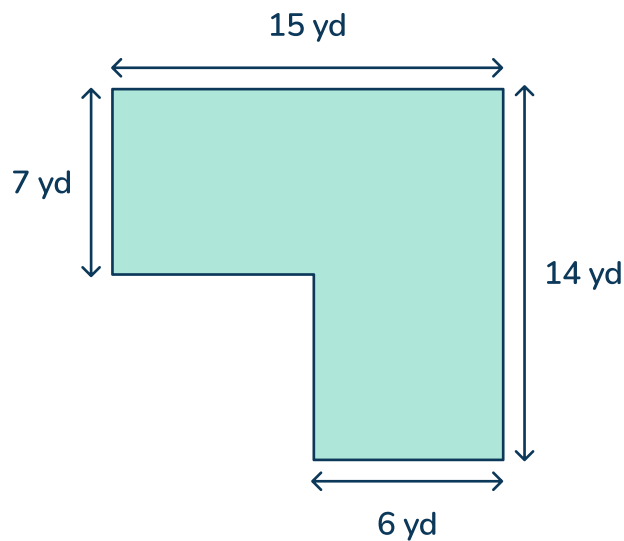


Answer: _____


-
- 31 Select the fraction that is larger than $\frac{2}{3}$

- A. $\frac{1}{2}$
- B. $\frac{4}{6}$
- C. $\frac{3}{4}$
- D. $\frac{4}{8}$

- 32 Julie moved into a new house, and the diagram below shows the shape of her new room.

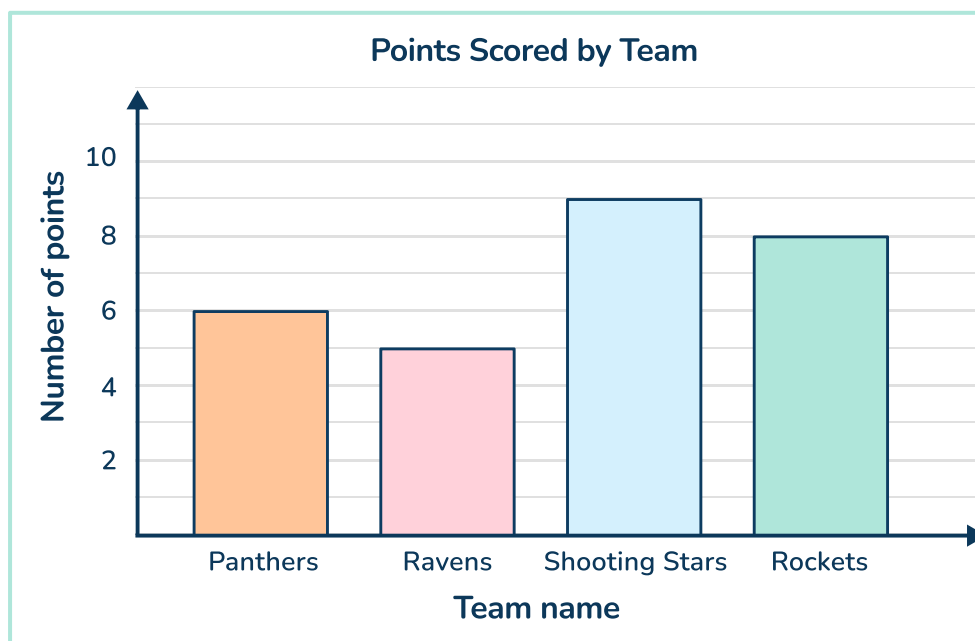


What is the area of Julie's new room in square yards?

 Answer

- 33 How many more points did the Shooting Stars score over the Panthers?

Answer:_____



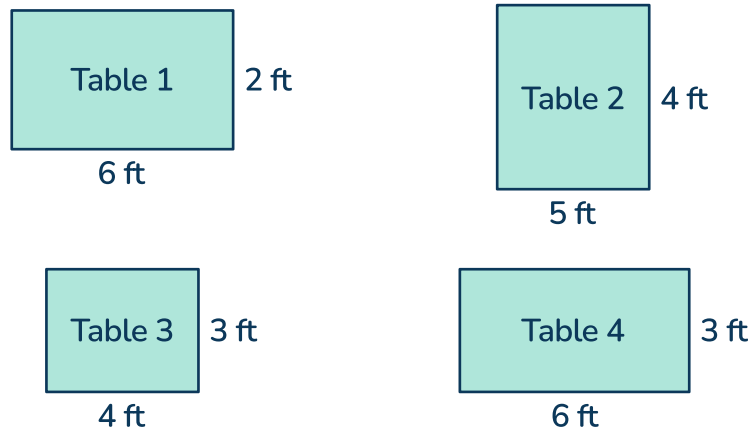
- 34 Enter your answers in the spaces provided:

$$10 \times 7 = \underline{\hspace{2cm}}$$

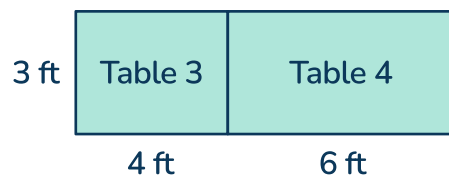
$$9 \times 8 = \underline{\hspace{2cm}}$$

$$6 \times 9 = \underline{\hspace{2cm}}$$

- 35 Brandon and Brenda are twins. They decided to throw themselves a birthday party. They need to set up tables in their backyard for the party. The rectangles below represent the tops of the tables.



The image below shows Table 3 and Table 4 placed together to make a larger table.



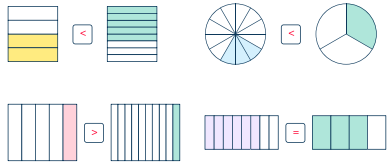
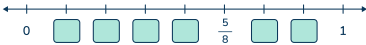
Brandon uses the expression $3 \times (4 + 6)$ to find the area of the new large tabletop.

Brenda uses the equation $(3 \times 4) + (3 \times 6)$ to find the total area of the new large tabletop.

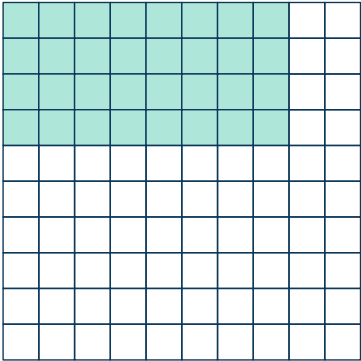
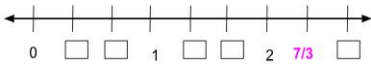
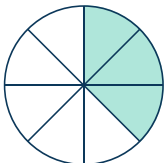
Find the area of the new larger table and explain why both Brandon and Brenda are correct.

Answer

Answer Key

Item number	Correct answer	Standard(s)	DOK
1	A	3.CE.2a	DOK 2
2		3.NS.3a	DOK 3
3	$57 - 19 = m$ $38 = m$ 38 marbles	3.CE.1a 3.PFA.1	DOK 3
4		3.NS.3a	DOK 2
5	510,002	3.NS.1a	DOK 1
6	$3 \times 7 = 21 \text{ ft}^2$ $3 \times 8 = 24 \text{ ft}^2$ $4 \times 6 = 36 \text{ ft}^2$	3.MG.2a	DOK 2
7	C	3.NS.1b 3.PFA.1	DOK 2
8	25	3.CE.1c 3.PFA.1	DOK 2
9	41 minutes	3.MG.3c	DOK 1
10	$8 - 3 = 5$ $80 - 30 = 50$ $800 - 300 = 500$	3.CE.1c 3.PFA.1	DOK 1
11	B	3.CE.1b	DOK 2
12	B	3.NS.2a	DOK 1

Virginia Practice Test | Grade 3 | Answers

Item number	Correct answer	Standard(s)	DOK
13	<p>Part A: Possible answer: 4 rows by 8 columns</p>  <p>Other answer (8 x 4)</p>	3.CE.2a	DOK 3
14	$6 + 15 + 4 = \text{total minutes}$ $25 = \text{total minutes}$	3.MG.3c 3.CE.1e	DOK 3
15	$16 - (8 + 6) = 2$ 2 more pet adoptions on Monday	3.CE.2g 3.PS.1c	DOK 3
16		3.NS.3a,d	DOK 2
17	Place value 0 = Ten thousand Place value 1 = hundred	3.NS.1b	DOK 1
18	7 models	3.NS.3b	DOK 3
19	B	3.CE.2a	DOK 2
20		3.NS.3a	DOK 2

Virginia Practice Test | Grade 3 | Answers

Item number	Correct answer	Standard(s)	DOK
21	103 - 14 = 89 89 + 19 = 108	3.CE.1e	DOK 3
22	B	3.CE.2b	DOK 1
23	12:20	3.MG.3a	DOK 1
24	C	3.NS.4d	DOK 3
25	C	3.MG.4c	DOK 2
26	A	3.MG.1b	DOK 2
27	13 + 13 + 22 + 22 = 70 81 - 70 = 11 Missing side = 11 inches	3.MG.2b 3.PFA.1	DOK 3
28	60 liters	3.MG.1b 3.CE.2d	DOK 2
29	3 × 3 = 9 54 ÷ 9 = 6 6 days	3.CE.2g	DOK 3
30	$\frac{1}{3}$ is green	3.NS.3a	DOK 2
31	C	3.NS.3f	DOK 2
32	15 × 7 = 105 yd^2 6 × 7 = 42 yd^2 105 + 42 = 147 yd^2	3.MG.2a 3.CE.1e	DOK 3
33	9 - 6 = 3 3 points	3.PS.1e	DOK 2
34	10 × 7 = 70 9 × 8 = 72 6 × 9 = 54	3.CE.2g	DOK 1

Virginia Practice Test | Grade 3 | Answers

Item number	Correct answer	Standard(s)	DOK
35	<p>They are both correct because the answer is the same and you can either find the areas separately and add them or view it as one large rectangle with dimensions 3 x 10.</p> $3 \times (4 + 6)$ $3 \times 10 = 30 \text{ square feet}$ $(3 \times 4) + (3 \times 6)$ $12 + 18 = 30 \text{ square feet}$	3.CE.2c, e	DOK 3




Breakdown of Assessment by domain				
The Number System (NS)	Computation and Estimation (CE)	Measurement and Geometry (MG)	Probability and Statistics (PS)	Patterns, Functions, and Algebra (PFA)
27%	36%	21%	5%	11%

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