THIRD SPACE LEARNING

# 3rd Grade FL BEST State Test

## State Test Grade 3

Grade 3

# Questions

Name: ..... Class: .....

Date: ..... Score: .....

1 Select all correct answers. The number 8,425 can be expressed as:

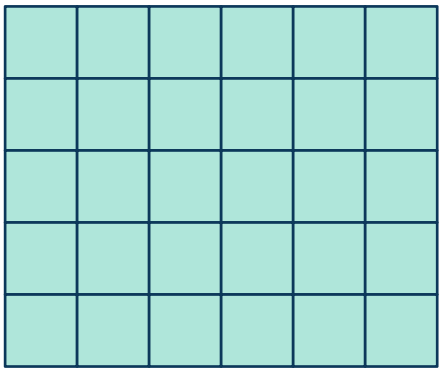
A. 83 hundreds + 125 ones
B. 8 thousands + 4 hundreds + 25 tens
C. 84 thousands + 25 ones
D. 8 thousands + 4 hundreds + 2 tens + 5 ones

2 The grocery store has 46 oranges. A new crate with 5 bags of 8 oranges just arrived. How many oranges does the grocery store have now?

Which equation can be used to solve?

A. $46 + 5 + 8 = t$
B. $(46 + 5) \times 8 = t$
C. $5 \times 8 + 46 = t$
D. $8 + 5 \times 46 = t$

3 What is the area of the rectangle?



A. 25 units
B. 25 square units
C. 30 units
D. 30 square units

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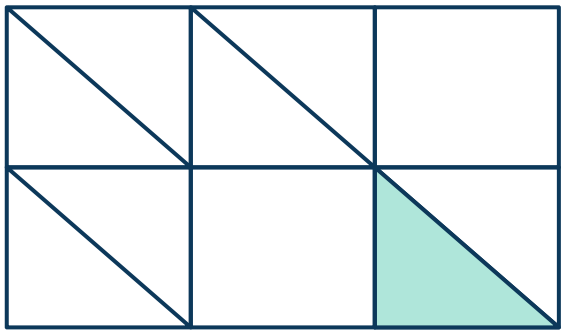
4



The area of the shaded triangle is ____ of the area of the shape.

A. $\frac{1}{9}$

B. $\frac{1}{6}$

C. $\frac{1}{3}$

D. $\frac{1}{12}$

**5** $7 \times 40 = a$

What is the value of $a$?

A. 280
B. 210
C. 740
D. 28

---

**6** What number makes the equations true?

$9 \times$ _____ $= 63$

$63 \div 9 =$ _____

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

**7** Which fraction is larger than $\frac{3}{4}$?

A. $\frac{2}{3}$

B. $\frac{4}{6}$

C. $\frac{5}{6}$

D. $\frac{6}{12}$

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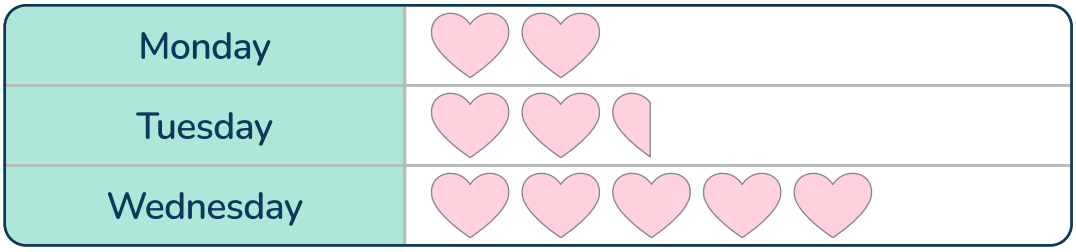
**8**

Cookies Sold




= 4 cookies

How many more cookies were sold on Wednesday than Monday and Tuesday?

A. 8

B. $\frac{1}{2}$

C. 4

D. 2

9 Xander collects 7 marbles each day. This creates a pattern of 7, 14, 21, ...
How many marbles will Xander have at the end of the eighth day?

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

10


Which fraction represents the point shown on the number line?

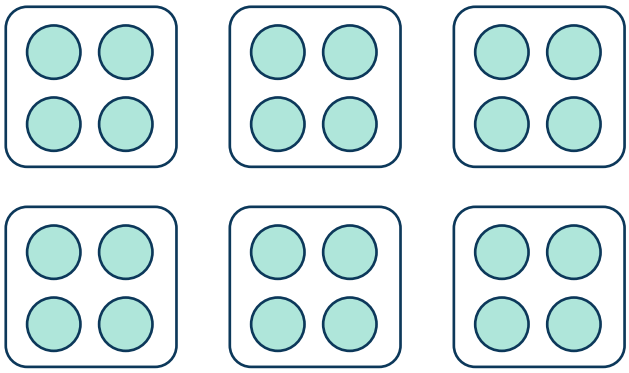
A. $\frac{3}{4}$

B. $\frac{5}{8}$

C. $\frac{6}{8}$

D. $\frac{6}{9}$

**11** Which word problems are represented by the model? Select all correct answers.



A. There are 6 boxes of muffins. Each box has 4 muffins. How many muffins are there in total?
B. There are 4 bags. Each bag has 6 pieces of candy. How many pieces of candy are there in all?
C. There are 6 bushes. Each bush has 24 roses. How many roses are there in total?
D. There are 24 ounces of blueberries. Each smoothie needs 4 ounces of strawberries. How many smoothies can be made?

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**12** Violet has three lizards. Each lizard eats 4 insects per day. Violet has 72 insects. How many days can Violet feed her lizards with the number of insects she has?

A. 6 days
B. 18 days
C. 8 days
D. 24 days

**13** What is 5,372 rounded to the nearest hundred?

A. 5,400
B. 5,300
C. 5,000
D. 5,370

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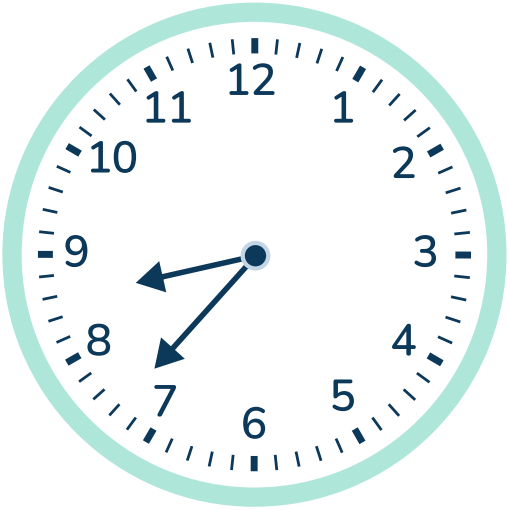
**14** What time is shown on the clock?




A. 9:37
B. 8:37
C. 8:32
D. 8:07

**15** Which point on the number line correctly shows the fraction one-fifth?

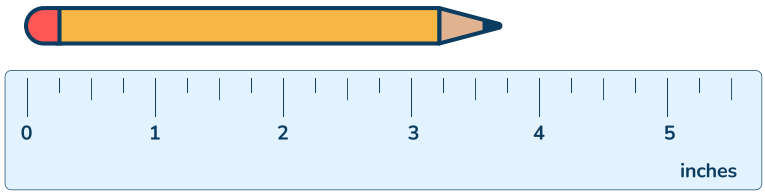
A.


B.


C.


D.


**16** What is the length of the pencil in inches?




A. $3\frac{3}{4}$ inches

B. 3 inches

C. 4 inches

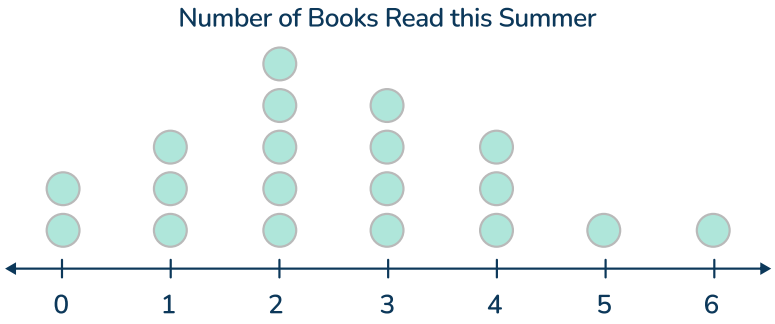
D. $3\frac{1}{2}$ inches

**17** The data below represents the number of books a group of students read over the summer.

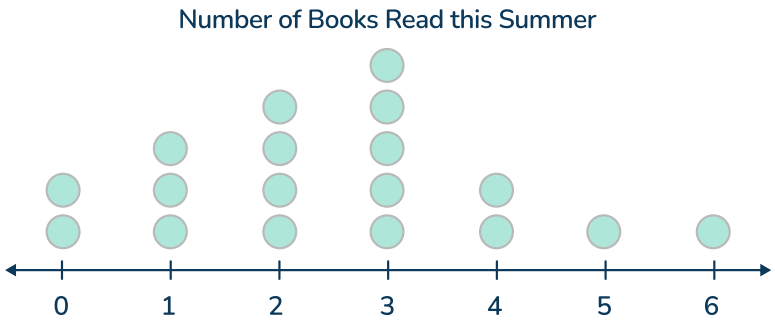
| Number of Books Read This Summer |
| --- |
| 4, 1, 3, 2, 3, 0, 4, 5, 2, 3, 1, 3, 2, 1, 6, 2, 0, 4, 3 |

Which line plot correctly represents the data?

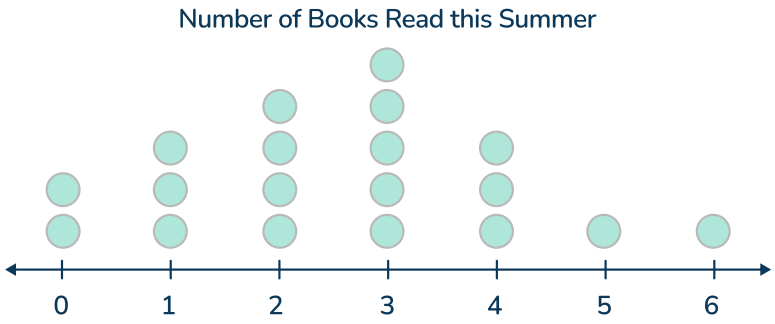
A.



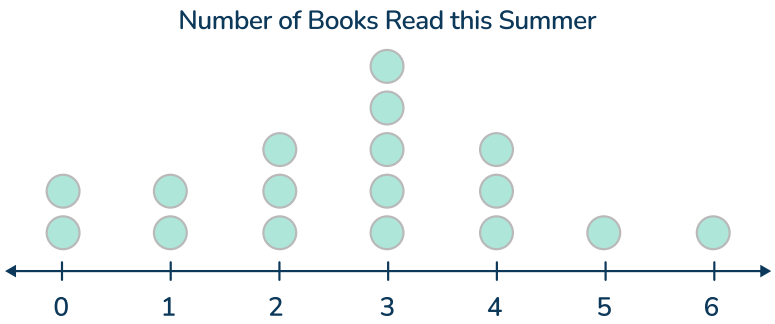

B.




C.




D.



18 Complete the sentence: A rectangle and quadrilateral both always have...

A. parallel sides.
B. equal sides.
C. right angles.
D. four sides.

---

19 Aria has 24 feet of fencing. What are the possible dimensions for a rectangular garden that Aria can completely fence in? Select all correct answers.

A. 20 feet by 4 feet
B. 6 feet by 6 feet
C. 6 feet by 4 feet
D. 12 feet by 4 feet
E. 3 feet by 8 feet

**20** Which equation can help you solve $48 \div 6 = \triangle$?

A. $\triangle \div 6 = 48$
B. $\triangle \times 48 = 6$
C. $6 \times \triangle = 48$
D. $6 \div \triangle = 48$

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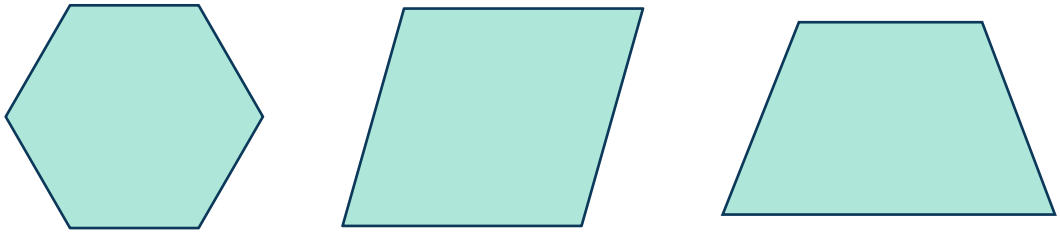
**21** Solve 652 – 439.

A. 227
B. 213
C. 223
D. 217

22 June sorts these shapes into the same group.



Which statement best describes the shapes in this group?

A. Each shape has at least one pair of parallel sides.
B. Each shape is made of exactly four line segments.
C. Each shape is a quadrilateral.
D. Each shape has at least one set of perpendicular lines.

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23 Maria had 1 carton of orange juice. She drank $\frac{2}{8}$ of the juice on Monday, $\frac{1}{8}$ of the juice on Tuesday, and $\frac{4}{8}$ of the juice on Wednesday. What fraction of the juice was left after Wednesday?

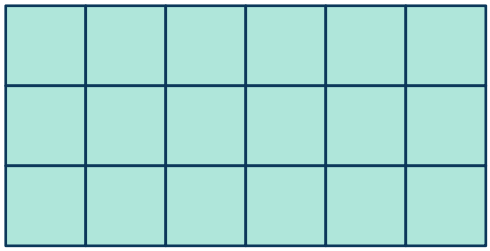
A. $\frac{1}{8}$

B. $\frac{7}{8}$

C. $\frac{1}{2}$

D. $\frac{1}{4}$

**24** The shape below is made of square units.



Which expressions can be used to find the area of the shape? Select all correct answers.

A. $3 + 6$
B. $3 + 6 + 3 + 6$
C. $3 \times 6$
D. $3 + 3 + 3 + 3 + 3 + 3$
E. $6 + 6 + 6$

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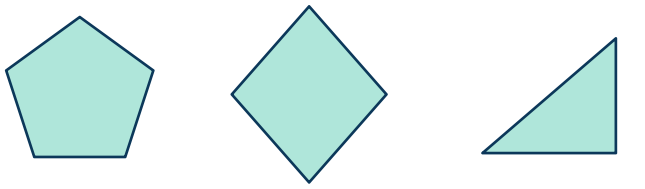
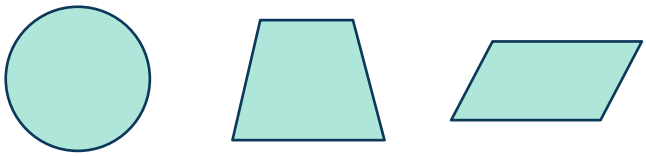
**25** Which group of shapes contains only quadrilaterals?

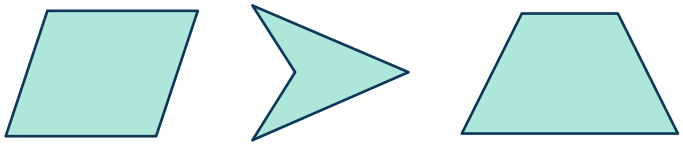
A.



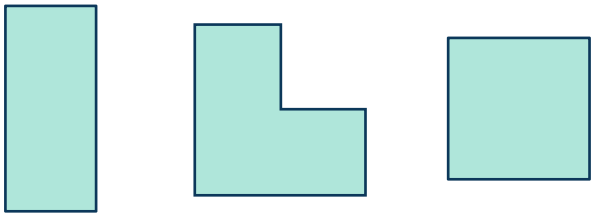
B.



C.

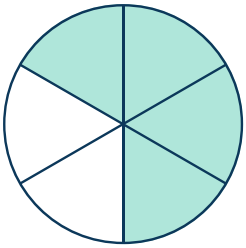


D.

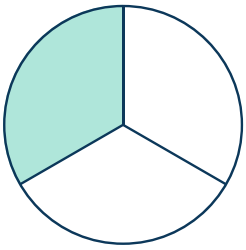


**26** Which shape shows a shaded amount equivalent to $\frac{2}{3}$?

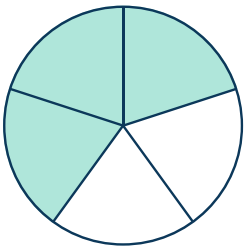
A.



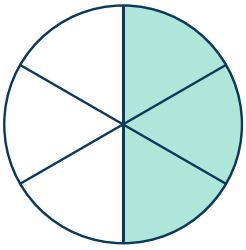
B.



C.



D.



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**27** Which of the following equations is true? Select all correct answers.

A. $54 \div 6 = 8$
B. $8 \times 4 = 32$
C. $7 \times 5 = 30$
D. $36 \div 9 = 4$

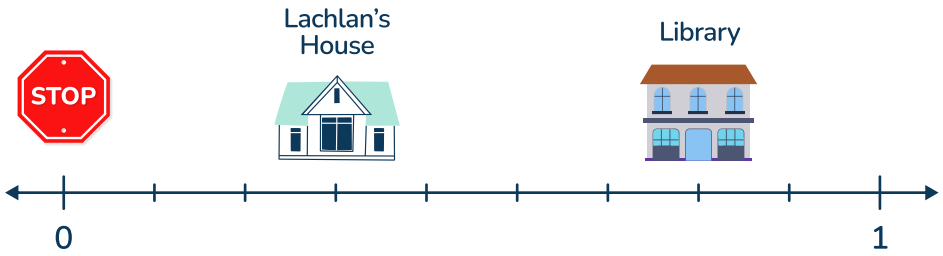
**28** On Monday, Julia read 23 pages of her book. Julia read 12 pages each day for the next 3 days. How many total pages did Julia read?

A. 38 pages
B. 35 pages
C. 59 pages
D. 105 pages

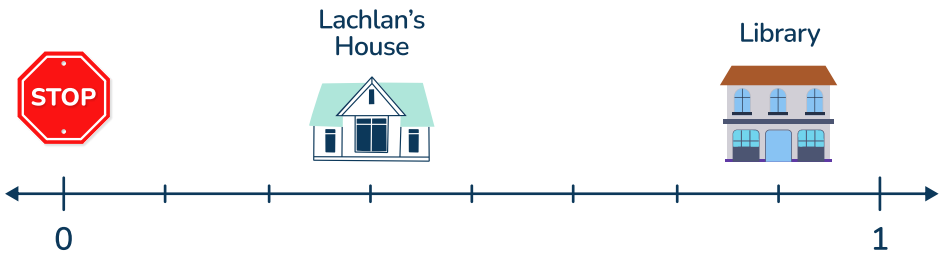
---

**29** Lachlan lives on a 1-mile street. Lachlan's house is $\frac{3}{10}$ of a mile from the stop sign. There is a library $\frac{7}{10}$ of a mile from the stop sign. Which number line correctly shows Lachlan's house and the library?

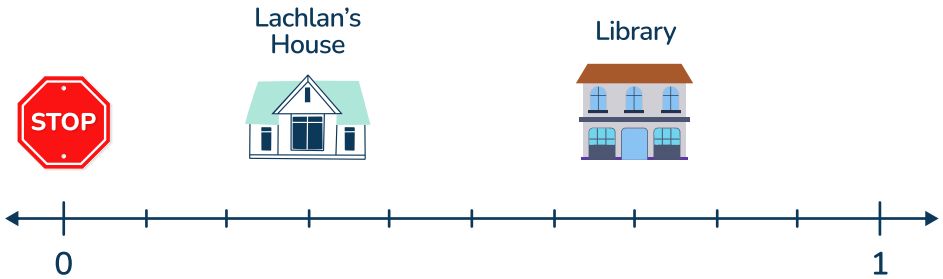
A.



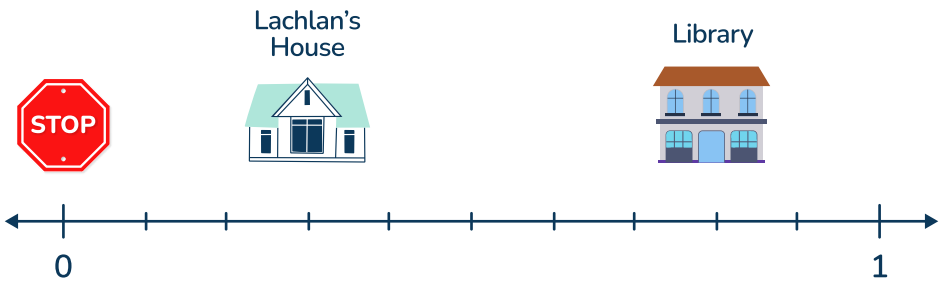

B.



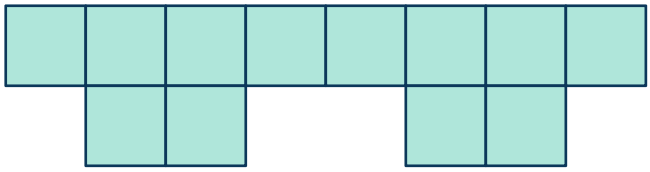

C.

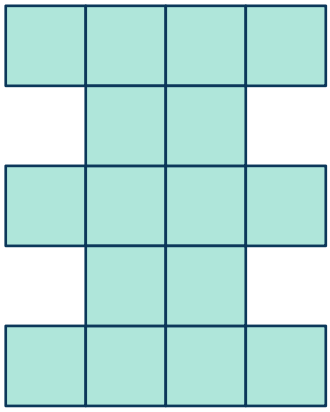


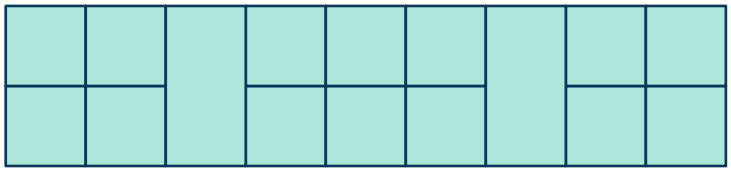

D.

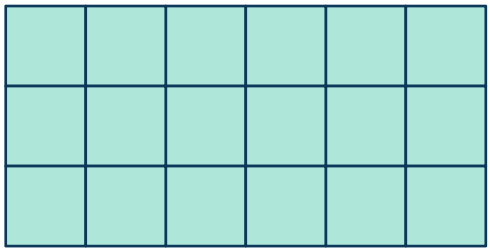


**30** Which shape has an area of 16 square units?

A. 

B. 

C. 

D. 

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**31** Which equation is equivalent to $9 \times 7$? Select all correct answers.

A. $(9 \times 5) + (9 \times 2)$
B. $9 + (5 + 2)$
C. $5 \times 4 \times 8$
D. $9 \times (5 + 2)$
E. $(9 + 2) \times (9 + 5)$

32 A baker is making 6 batches of cookies. Each batch needs 3 cups of flour. How many cups of flour does the baker need altogether?

A. 9 cups
B. 3 cups
C. 18 cups
D. 12 cups

33 Which number comparison is true?

A. Three thousand four hundred six = (3 × 1,000) + (4 × 100) + (6 × 10)
B. (5 × 1,000) + (7 × 10) + (2 × 1) < five thousand seven hundred two
C. Eight thousand one hundred seventy > (8 × 1,000) + (7 × 100) + (1 × 10)
D. (2 × 1,000) + (6 × 100) + (6 × 1) < two thousand sixty-six

34 Taylor earned 315 points on Level 1 and 296 points on Level 2. She lost 83 points on Level 3. How many points did Taylor have at the end of Level 3?

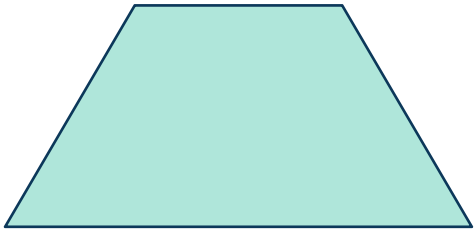
A. 611 points
B. 694 points
C. 512 points
D. 528 points

---

35 Hunter reads for 35 minutes and then watches TV for 27 minutes. Then he eats dinner for 19 minutes. If he finishes dinner at 7:12 pm, what time did Hunter start reading?

A. 5:51 pm
B. 6:03 pm
C. 8:33 pm
D. 6:10 pm

**36** How many lines of symmetry does the figure below have?



A. 0
B. 4
C. 1
D. 2

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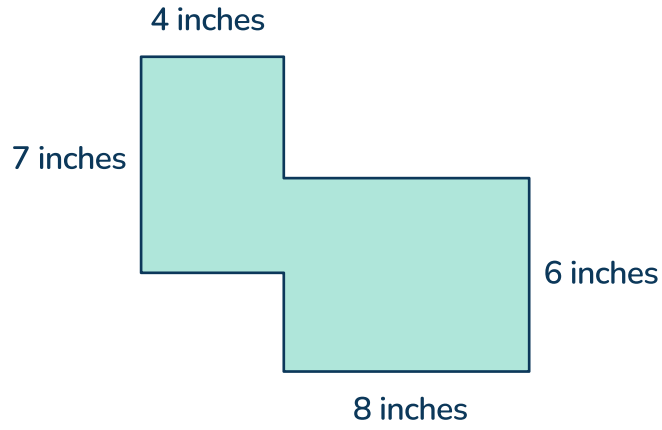
**37** Each basket has 7 apples. There are 84 apples in all. How many baskets are there?

A. 91 baskets
B. 13 baskets
C. 11 baskets
D. 12 baskets

**38** Rayna put two rectangles together to create the shape below.




What is the total area, in square inches, of the shape that Rayna created?

A. 76 square feet
B. 28 square feet
C. 48 square feet
D. 25 square feet

---

**39** Which of the following numbers is a multiple of 8? Select all correct answers.

A. 24
B. 16
C. 30
D. 56
E. 81

40 Which of the following numbers is odd? Select all correct answers.

A. 386
B. 957
C. 215
D. 810

**Standard: MA.3.AR.2.1, MA.3.AR.2.3**
**DOK 3**
**Short Answer Response - 2 points**

41 Colin is solving 42 ÷ 6 = △. She uses 6 × △= 42 to find the value of △. Will this strategy work? Why or why not?

_____

_____

_____

| Item | KEY | Rationale |
|---|---|---|
| | 2 points | Student correctly identifies that Colin's strategy will work and clearly explains the connection between the two equations. |
| 41 | 1 point | Student correctly identifies that Colin's strategy will work but does not clearly explain the connection between the two equations. |
| | 0 points | Student is incorrect or leaves the response blank. |

**Standard: MA.3.DP.1.1**
**DOK 3**
**Short Answer Response - 2 points**

42 The data below shows the heights of a group of 3rd graders to the nearest inch.

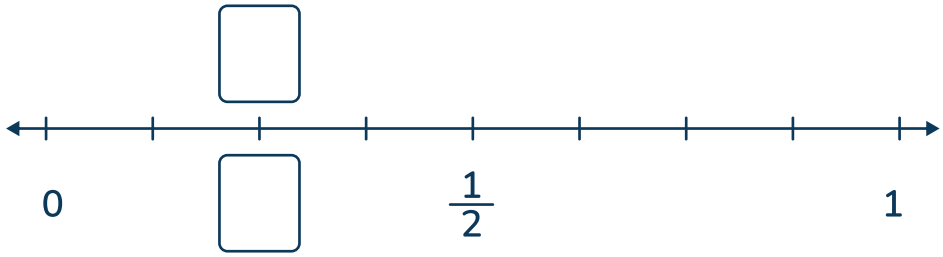
47, 49, 49, 52, 48, 49, 47, 47, 46, 49, 48, 51, 48, 45, 46, 48, 51, 45, 46, 48

Create a line plot to represent the data.

| Item | KEY | Rationale |
|---|---|---|
| 42 | 2 points | Student correctly creates a scale on the line plot and records each data point. |
| | 1 point | Student creates a scale on the line plot and records each data point with 1 or 2 mistakes. |
| | 0 points | Student makes more than 2 mistakes or leaves the response blank. |

**Standard: MA.3.FR.1.3, MA.3.FR.2.1**
**DOK 3**
**Extended Response - 4 points**

43 **PART A:** Fill in the blanks with the two equivalent fractions shown on the number line.




**PART B:** Show where the fraction $\frac{4}{4}$ belongs on the number line. Explain how you know.

_____

_____

| Item | KEY | Rationale |
|---|---|---|
| 43 | 4 points | Student correctly identifies the missing fractions as $\frac{1}{4}$ and $\frac{2}{8}$ or equivalent and $\frac{4}{4}$ as 1. Student clearly explains why $\frac{4}{4}$ is equal to 1 whole. |
| | 3 points | Student correctly identifies the missing fractions as $\frac{1}{4}$ and $\frac{2}{8}$ or equivalent and $\frac{4}{4}$ as 1, but does not clearly explain why $\frac{4}{4}$ is equal to 1 whole. |
| | 2 points | Student correctly identifies 1 of the 2 the missing fractions as $\frac{1}{4}$ or $\frac{2}{8}$ or equivalent and $\frac{4}{4}$ as 1. Student does not explain why $\frac{4}{4}$ is equal to 1 whole. |
| | 1 point | Student incorrectly identifies 2 out of the 3 fractions – the missing fractions or $\frac{4}{4}$. |
| | 0 points | Student does not identify any of the fractions correctly or leaves the response blank. |

# Answer Key - Multiple Choice

| Item number | Correct answer | Standard(s) | DOK |
|---|---|---|---|
| 1 | A, D | **MA.3.NSO.1.2** | DOK 1 |
| 2 | C | **MA.3.AR.1.2** | DOK 2 |
| 3 | D | **MA.3.GR.2.1** | DOK 1 |
| 4 | D | **MA.3.FR.1.1, MA.3.FR.1.3** | DOK 2 |
| 5 | A | **MA.3.NSO.2.3** | DOK 1 |
| 6 | B | **MA.3.AR.2.3** | DOK 1 |
| 7 | C | **MA.3.FR.2.1** | DOK 1 |
| 8 | D | **MA.3.DP.1.2** | DOK 2 |
| 9 | C | **MA.3.AR.3.3** | DOK 2 |
| 10 | B | **MA.3.FR.2.1, MA.3.FR.2.2** | DOK 2 |
| 11 | A, D | **MA.3.NSO.2.2** | DOK 2 |
| 12 | A | **MA.3.AR.1.2** | DOK 2 |
| 13 | A | **MA.3.NSO.1.4** | DOK 1 |
| 14 | B | **MA.3.M.2.1** | DOK 1 |
| 15 | C | **MA.3.FR.1.3, MA.3.FR.2.1** | DOK 1 |
| 16 | A | **MA.3.M.1.1** | DOK 2 |
| 17 | C | **MA.3.DP.1.1** | DOK 2 |
| 18 | D | **MA.3.GR.1.2** | DOK 2 |
| 19 | B | **MA.3.GR.2.3** | DOK 2 |
| 20 | C | **MA.3.AR.2.1** | DOK 1 |

| Item number | Correct answer | Standard(s) | DOK |
|---|---|---|---|
| 21 | B | **MA.3.NSO.2.1** | DOK 2 |
| 22 | A | **MA.3.GR.1.1** | DOK 2 |
| 23 | A | **MA.3.FR.1.2** | DOK 2 |
| 24 | C, D, E | **MA.3.GR.2.2** | DOK 2 |
| 25 | C | **MA.3.GR.1.2** | DOK 1 |
| 26 | A | **MA.3.FR.2.2** | DOK 1 |
| 27 | B, D | **MA.3.AR.2.2** | DOK 1 |
| 28 | C | **MA.3.AR.1.2** | DOK 2 |
| 29 | C | **MA.3.FR.2.1** | DOK 2 |
| 30 | B | **MA.3.GR.2.1** | DOK 1 |
| 31 | A, D | **MA.3.AR.1.1** | DOK 2 |
| 32 | C | **MA.3.M.1.2** | DOK 1 |
| 33 | B | **MA.3.NSO.1.1, MA.3.NSO.1.3** | DOK 1 |
| 34 | D | **MA.3.AR.1.2, MA.3.NSO.2.1** | DOK 2 |
| 35 | A | **MA.3.M.2.2** | DOK 2 |
| 36 | C | **MA.3.GR.1.3** | DOK 1 |
| 37 | D | **MA.3.NSO.2.2** | DOK 1 |
| 38 | A | **MA.3.GR.2.4** | DOK 2 |
| 39 | A, B, D | **MA.3.AR.3.2** | DOK 1 |
| 40 | B, C | **MA.3.AR.3.1** | DOK 1 |

# ANSWERS SORTED BY CCSS STRAND

| NSO | | | |
|---|---|---|---|
| 1 | A, D | **MA.3.NSO.1.2** | DOK 1 |
| 5 | A | **MA.3.NSO.2.3** | DOK 1 |
| 11 | A, D | **MA.3.NSO.2.2** | DOK 2 |
| 13 | A | **MA.3.NSO.1.4** | DOK 1 |
| 21 | B | **MA.3.NSO.2.1** | DOK 2 |
| 33 | B | **MA.3.NSO.1.1, MA.3.NSO.1.3** | DOK 1 |
| 37 | D | **MA.3.NSO.2.2** | DOK 1 |

| FR | | | |
|---|---|---|---|
| 4 | D | **MA.3.FR.1.1, MA.3.FR.1.3** | DOK 2 |
| 7 | C | **MA.3.FR.2.1** | DOK 1 |
| 10 | B | **MA.3.FR.2.1, MA** | DOK 2 |
| 15 | C | **MA.3.FR.1.3, MA.3.FR.2.1** | DOK 1 |
| 23 | A | **MA.3.FR.1.2** | DOK 2 |
| 26 | A | **MA.3.FR.2.2** | DOK 1 |
| 29 | C | **MA.3.FR.2.1** | DOK 2 |
| 43 | Short Answer Response | **MA.3.FR.1.3, MA.3.FR.2.1** | DOK 3 |

| AR | | | |
|---|---|---|---|
| 2 | C | **MA.3.AR.1.2** | DOK 2 |
| 6 | B | **MA.3.AR.2.3** | DOK 1 |
| 9 | C | **MA.3.AR.3.3** | DOK 2 |
| 12 | A | **MA.3.AR.1.2** | DOK 2 |
| 20 | C | **MA.3.AR.2.1** | DOK 2 |
| 27 | B, D | **MA.3.AR.2.2** | DOK 1 |
| 28 | C | **MA.3.AR.1.2** | DOK 2 |
| 31 | A, D | **MA.3.AR.1.1** | DOK 2 |
| 34 | D | **MA.3.AR.1.2, MA.3.NSO.2.1** | DOK 2 |
| 39 | A, B, D | **MA.3.AR.3.2** | DOK 1 |
| 40 | B, C | **MA.3.AR.3.1** | DOK 1 |
| 41 | Short Answer Response | **MA.3.AR.2.1, MA.3.AR.2.3** | DOK 3 |

| M | | | |
|---|---|---|---|
| 14 | B | **MA.3.M.2.1** | DOK 1 |
| 16 | A | **MA.3.M.1.1** | DOK 2 |
| 32 | C | **MA.3.M.1.2** | DOK 1 |
| 35 | A | **MA.3.M.2.2** | DOK 2 |

| GR | | | |
|---|---|---|---|
| 3 | D | **MA.3.GR.2.1** | DOK 1 |
| 18 | D | **MA.3.GR.1.2** | DOK 2 |
| 19 | C, E | **MA.3.GR.2.3** | DOK 2 |
| 22 | A | **MA.3.GR.1.1** | DOK 2 |
| 24 | C, D, E | **MA.3.GR.2.2** | DOK 2 |
| 25 | C | **MA.3.GR.1.2** | DOK 1 |
| 30 | B | **MA.3.GR.2.1** | DOK 1 |
| 36 | C | **MA.3.GR.1.3** | DOK 1 |
| 38 | A | **MA.3.GR.2.4** | DOK 2 |

| DP | | | |
|---|---|---|---|
| 8 | D | **MA.3.DP.1.2** | DOK 2 |
| 17 | C | **MA.3.DP.1.1** | DOK 2 |
| 42 | Short Answer Response | **MA.3.DP.1.1** | DOK 3 |

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