

Question 1

What is the value of this expression?

$$\frac{3}{10} - \frac{1}{4} + \frac{4}{5}$$

Ⓐ $\frac{9}{10}$

Ⓑ $\frac{6}{11}$

Ⓒ $\frac{6}{20}$

Ⓓ $\frac{17}{20}$

Question 2

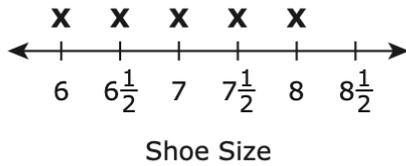
This list shows the shoe sizes of eight students in a fifth-grade class.

Student's Shoe Sizes

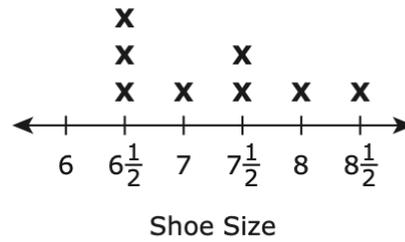
Name	Shoe Size
Becca	7
Cara	$6\frac{1}{2}$
Dean	$6\frac{1}{2}$
Kareem	$7\frac{1}{2}$
Leah	6
Luke	8
Suzanne	$6\frac{1}{2}$
Wally	$7\frac{1}{2}$

Which of the following line plots correctly represents the shoe sizes of the students?

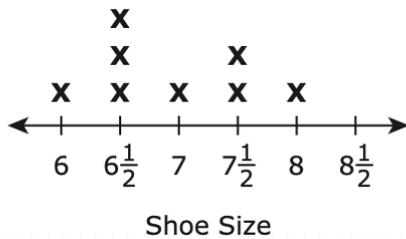
Ⓐ **Student's Shoe Sizes**



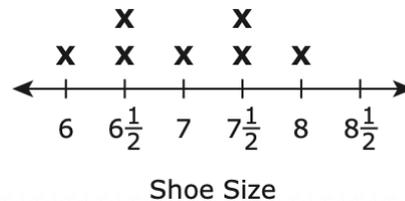
Ⓑ **Student's Shoe Sizes**



Ⓒ **Student's Shoe Sizes**



Ⓓ **Student's Shoe Sizes**



Question 3

A farmer has 20 bins of apples. Each bin has 25 red apples and 30 green apples.

Which of the following expressions can be used to find the total number of apples in all the bins?

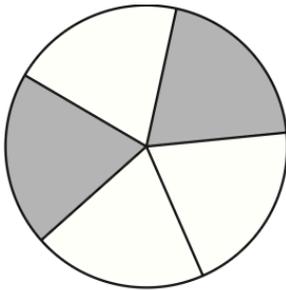
- Ⓐ $20 + (25 \times 30)$
 - Ⓑ $20 \times (25 + 30)$
 - Ⓒ $(20 + 25) \times (20 + 30)$
 - Ⓓ $(20 \times 25) \times (20 \times 30)$
-

Question 4

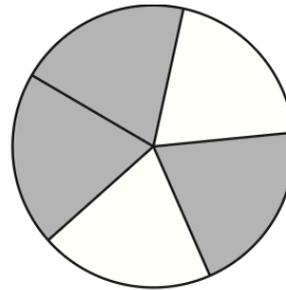
In which of the following models does the shaded part show the product of this expression?

$$\frac{2}{3} \times \frac{1}{2}$$

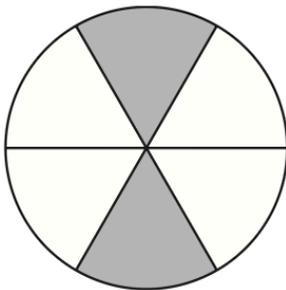
Ⓐ



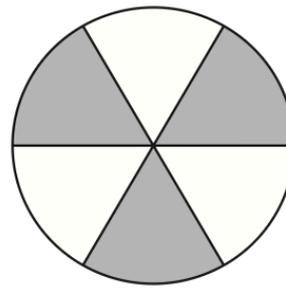
Ⓑ



Ⓒ



Ⓓ



Question 5

What is the standard form of forty-five and nine tenths?

- A. 45.009
 - B. 45.09
 - C. 45.9
 - D. 45.910
-

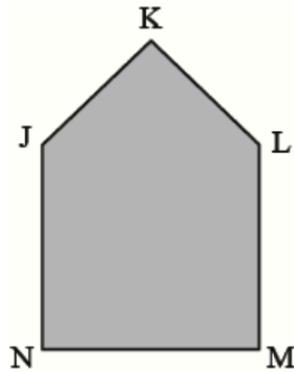
Question 6

Oscar has 9 pumpkins. Libby has p fewer pumpkins than Oscar. Which expression represents the number of pumpkins Libby has?

- A. $9 + p$
- B. $9 - p$
- C. $p + 9$
- D. $p - 9$

Question 7

Use the figure below to answer the question.



Which line segment is perpendicular to line segment JN?

- A. line segment JK
 - B. line segment KL
 - C. line segment LM
 - D. line segment MN
-

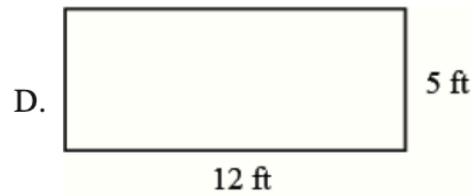
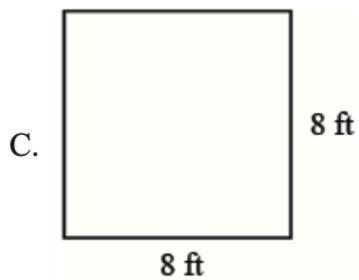
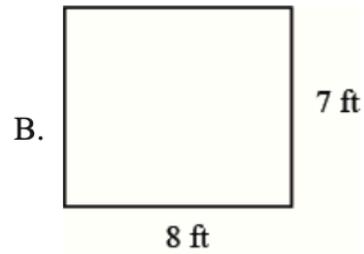
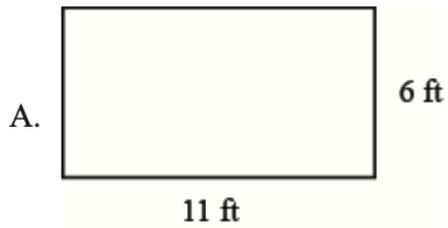
Question 8

What is $4\frac{3}{10} + 8\frac{5}{10}$?

- A. $12\frac{8}{100}$
- B. $12\frac{15}{100}$
- C. $12\frac{8}{20}$
- D. $12\frac{8}{10}$

Question 9

Which figure has the greatest area?



Question 10

Which fraction is equivalent to the decimal 0.43?

A. $\frac{43}{100}$

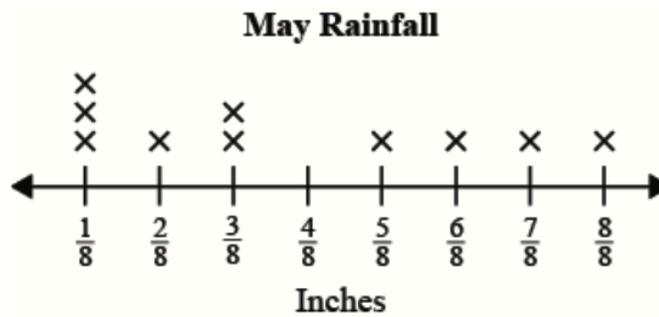
B. $\frac{4}{3}$

C. $4\frac{3}{100}$

D. $4\frac{3}{10}$

Question 11

Use the line plot below to answer the question.



The line plot shows the amount of rainfall, in inches, for 10 different days in May. What was the total amount of rainfall in May?

- A. 4 inches
 - B. $3\frac{5}{8}$ inches
 - C. $4\frac{5}{8}$ inches
 - D. 7 inches
-

Question 12

Which set is ordered from least to greatest?

A. $\frac{8}{9}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{1}{10}$

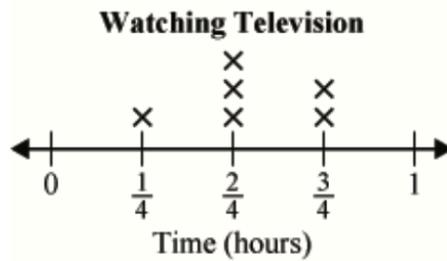
B. $\frac{1}{10}$, $\frac{3}{4}$, $\frac{1}{2}$, $\frac{8}{9}$

C. $\frac{1}{10}$, $\frac{1}{2}$, $\frac{3}{4}$, $\frac{8}{9}$

D. $\frac{8}{9}$, $\frac{1}{10}$, $\frac{3}{4}$, $\frac{1}{2}$

Question 13

Manuel is allowed to watch 5 hours of television each week. The time Manuel spent watching television for six days is shown in the line plot.



How many hours of television can Manuel watch on the last day of this week?

A. $1\frac{3}{4}$ hours

B. $2\frac{3}{4}$ hours

C. $3\frac{1}{4}$ hours

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

Question 14

Which number is a multiple of 4?

- A. 30
 - B. 38
 - C. 42
 - D. 48
-

Question 15

What is $1,269 \div 9$?

- A. 111
- B. 107 R6
- C. 141
- D. 145 R4

Question 16

Which comparison is true?

- A. $4.09 > 4.50$
 - B. $2.31 > 2.18$
 - C. $5.23 < 5.14$
 - D. $6.80 < 6.29$
-

Question 17

The table shows how far Mark rode his bike each day for three days.

Bike Riding

Day	Distance (miles)
Monday	$\frac{7}{10}$
Tuesday	$\frac{2}{10}$
Wednesday	$\frac{4}{10}$

What is the total distance Mark rode his bike?

- A. $\frac{5}{10}$ of a mile
- B. $\frac{9}{10}$ of a mile
- C. $1\frac{3}{10}$ miles
- D. $1\frac{13}{10}$ miles

Question 18

Day of Week	Hours of Exercise
Sunday	$\frac{2}{4}$
Monday	$\frac{3}{4}$
Tuesday	$\frac{3}{4}$
Wednesday	$\frac{1}{4}$
Thursday	$\frac{2}{4}$
Friday	$\frac{2}{4}$
Saturday	$\frac{4}{4}$

What is the BEST scale for a line plot of the data in the table?

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

Question 19

Jordan wants to buy doughnuts for his friends. There are 12 doughnuts in each box. Jordan needs 48 doughnuts total.

Jordan uses the equation $12n = 48$. What does n represent in this equation?

- A. the number of boxes
 - B. the cost of the doughnuts
 - C. the number of doughnuts in all
 - D. the number of doughnuts in each box
-

Question 20

What is the product of 18×24 ?

- A. 108
 - B. 128
 - C. 432
 - D. 632
-

**END
OF
TEST**

ANSWER KEY - 2026 ROUND 2 - TEST 2

1. D	11. C
2. C	12. C
3. B	13. A
4. C	14. D
5. C	15. C
6. B	16. B
7. D	17. C
8. D	18. A
9. A	19. A
10.A	20. C