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Tennessee Comprehensive Assessment Program  
TCAP

**TNReady — Grade 4 Math Part II**

**PRACTICE TEST**

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Student Name

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Teacher Name



Tennessee Department of Education

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### Directions

This Practice Test booklet contains sample items for Grade 4 Math. Write your answers in this Practice Test booklet.

**You MAY NOT use a calculator in Subtest 1 of this test booklet.**

### Sample A: Selected-Response

Circle the **three** expressions that have a value of 12.

**A.**  $2 \times 6$

**B.**  $5 \times 8$

**C.**  $7 \times 2$

**D.**  $4 \times 3$

**E.**  $1 \times 12$

### Sample B: Match

Draw lines to match each fraction on the left with its equivalent fraction on the right.

$$\frac{2}{6}$$

$$\frac{2}{4}$$

$$\frac{1}{2}$$

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

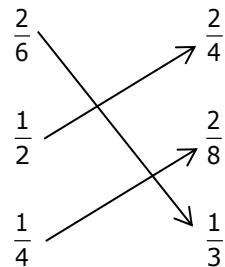
$$\frac{1}{4}$$

$$\frac{1}{3}$$

### Sample Answers

**A.** A, D, E

**B.**

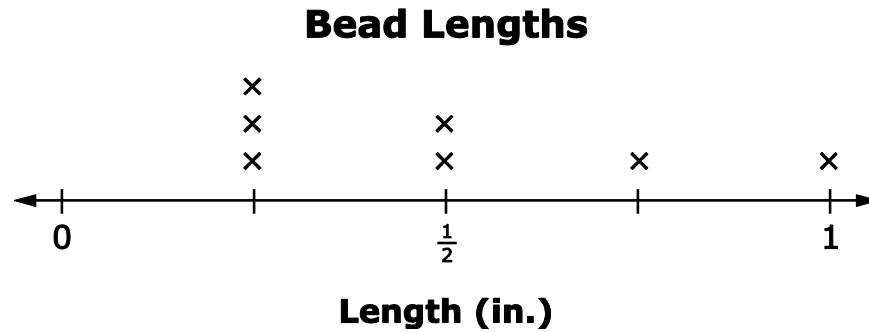




1. What is the sum of  $\frac{2}{100} + \frac{7}{10}$ ?
- A.  $\frac{27}{10}$
- B.  $\frac{27}{100}$
- C.  $\frac{72}{10}$
- D.\*  $\frac{72}{100}$
2. Which decimal has the same value as  $\frac{68}{100}$ ?
- A. 68.00
- B. 6800.00
- C.\* **0.68**
- D. 6.8
3. A rectangle has an area of 156 square inches and a perimeter of 50 inches.
- Which are the correct width and length for the rectangle?
- A. width = 39 in  
length = 4 in
- B. width = 5 in  
length = 10 in
- C. width = 15 in  
length = 10 in
- D.\* **width = 13 in  
length = 12 in**



4. Cyndi measures the lengths of beads she is using to make a necklace. She creates a line plot to display her data.



If all the beads were placed in a line, end to end, what would be the total length of the line, in inches?

- A.  $\frac{7}{4}$
- B.  $2\frac{1}{2}$
- C.  $\frac{7}{5}$
- D.\*  $3\frac{2}{4}$



5. A pattern starts at 3 and has the rule "Add 4."

Which numbers belong in the pattern?

- A.\* 3
- B. 13
- C.\* 7
- D.\* 23
- E.\* 11
- F. 28

6. What is the value of  $4056 + 2173$ ?

Write your answer in the space provided.

6229
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7. Which expression can be used to correctly find the product of 27 and 30?

- A.  $(20 \times 7) + (30 \times 0)$
- B.  $(2 \times 30) + (70 \times 30)$
- C.\*  $(20 \times 30) + (7 \times 30)$
- D.  $(2 \times 30) + (7 \times 30)$



8. Eleanor is making sand art. She puts  $\frac{1}{2}$  cup each of 10 different colors of sand in a bottle.

How much sand, in cups, does she use?

Write your answer in the space provided.

5
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9. Draw a circle around **each** prime number in the chart.

2	33	3
15	31	19
25	27	13



### Directions

This Practice Test booklet contains sample items for Grade 4 Math. Write your answers in this Practice Test booklet.

**You MAY use a calculator in Subtest 2 of this test booklet.**

- 10.** A school needs vans for a field trip.
- There are 59 people going on the trip.
  - Each van holds 8 people.
  - The school has 6 vans. The rest will be rented.

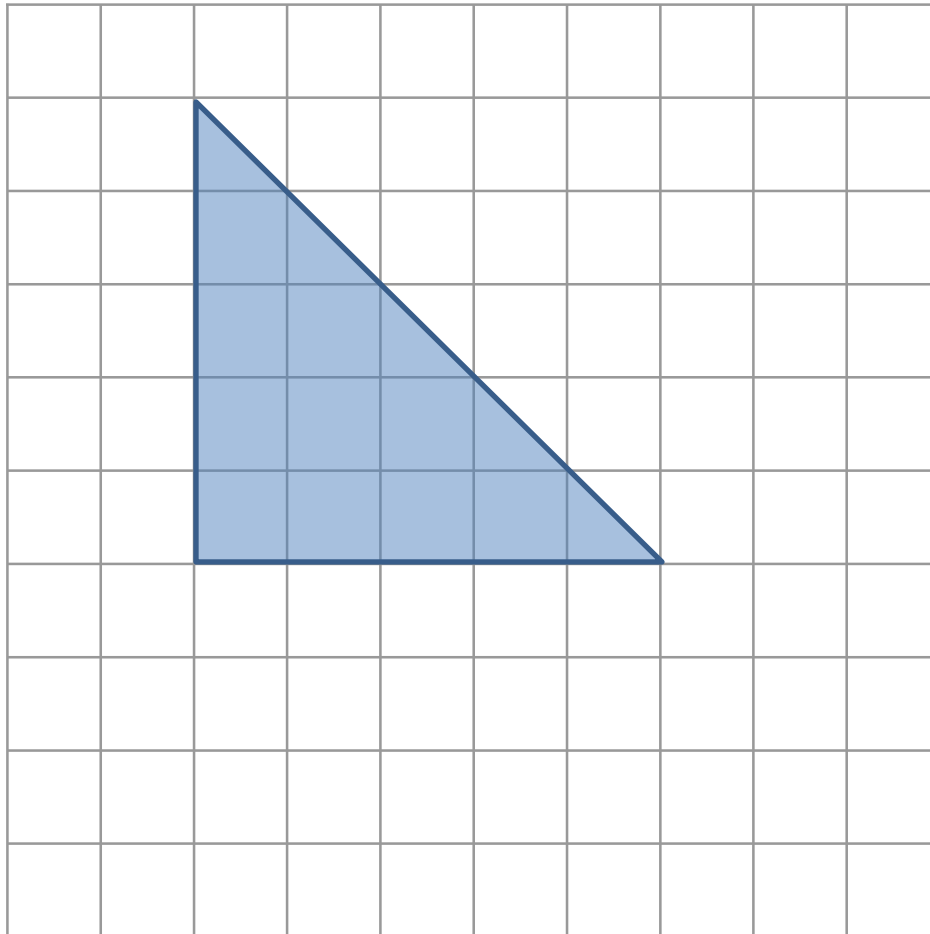
How many vans will the school need to rent for all the people to have a seat?

- A.** 1
- B.\*** 2
- C.** 3
- D.** 7
- 11.** Draw a line to connect the star (★) beside each statement with the star beside the correct number in the list. Some numbers in the list will not be used.

<b>Statements</b>	<b>Numbers</b>
	★ 627,500
627,339 rounded to the nearest ten thousand ★	★ 630,000
627,582 rounded to the nearest hundred ★	★ 627,000
627,449 rounded to the nearest thousand ★	★ 628,000
	★ 620,000
	★ 627,600



12. Draw a right angle.

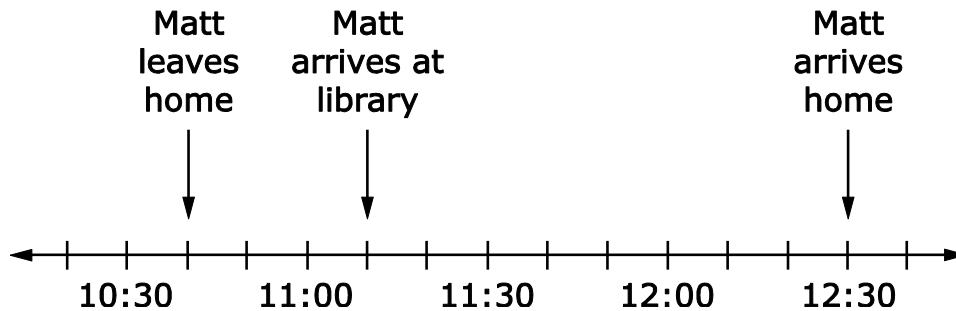


\* Answers will vary.





13. The time line shows the times Matthew leaves home, arrives at the library, and arrives back at home.



It takes Matthew the same amount of time to walk home as it takes him to walk to the library.

How many minutes does Matthew stay at the library?

Write your answer in the space provided.

50
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14. Draw an **X** under "True" or "False" to show whether each comparison is true or false.

Comparison	True	False
$\frac{3}{8} < \frac{1}{2}$	<b>X</b>	
$\frac{8}{10} < \frac{3}{4}$		<b>X</b>
$\frac{5}{12} > \frac{1}{4}$	<b>X</b>	



15. Ms. Goldberg wrote a comparison on the board, as shown.

$$13,426 \boxed{?} 12,389$$

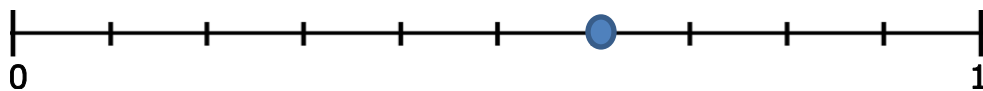
Devin says 13,426 is greater. Bill says 12,389 is greater.

Who is correct and why?

- A. Bill is correct, because the ones digit in 12,389 is greater than the ones digit in 13,426.
- B. Bill is correct, because the value of the 2 in 12,389 is greater than the value of the 2 in 13,426.
- C. Devin is correct, because the hundreds digit in 13,426 is greater than the hundreds digit in 12,389.
- D.\* Devin is correct, because the thousands digit in 13,426 is greater than the thousands digit in 12,389.**

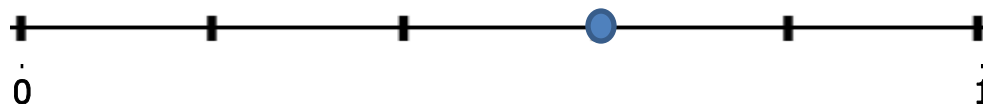
16. **Part A**

- To partition the number line, divide the number line into tenths.
- Place a point at  $\frac{6}{10}$ .



**Part B**

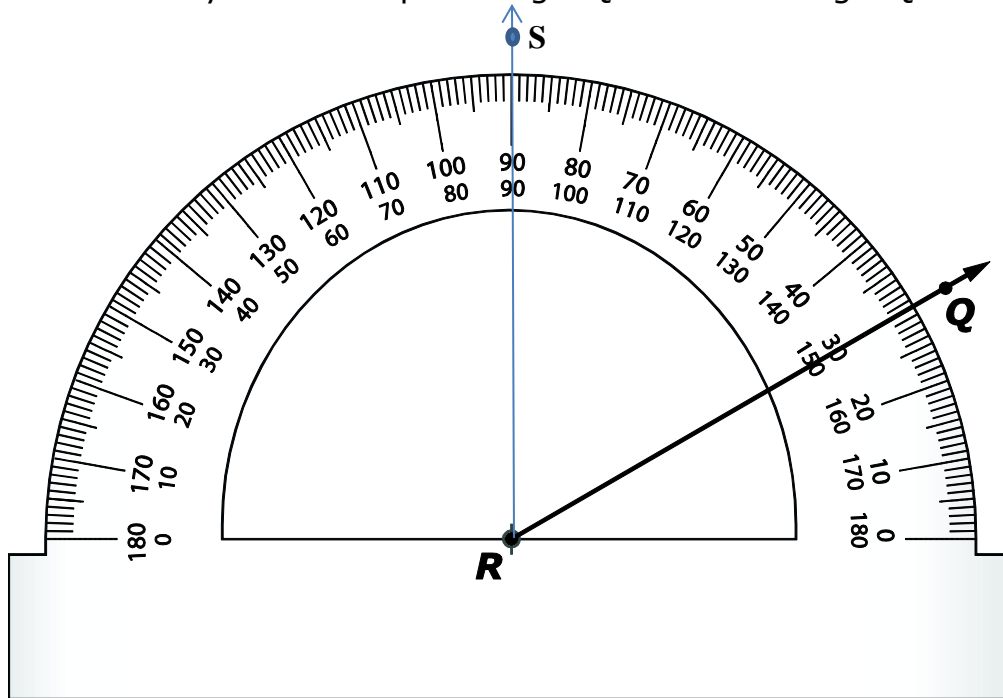
- To partition the number line, divide the number line into a different number of parts than in Part A and place a point at a fraction that is equivalent to  $\frac{6}{10}$ .



\* Answers will vary.



17. Draw and label ray  $RS$  to complete angle  $QRS$  so that angle  $QRS$  measures  $60^\circ$ .



18. A figure is shown.

Circle the sides in the figure that appear to be parallel.

