

**RVL Digital Summative Assessment, Grade 4**

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1) Choose the correct answer.

Which list shows *all* the factor pairs of 48?

- ☐  $1 \times 48, 2 \times 22, 3 \times 16, 4 \times 12, 8 \times 8$
- ☐  $1 \times 48, 2 \times 24, 3 \times 14, 4 \times 12, 6 \times 8$
- ☐  $1 \times 48, 2 \times 24, 3 \times 16, 4 \times 14, 7 \times 8$
- ☐  $1 \times 48, 2 \times 24, 3 \times 16, 4 \times 12, 6 \times 8$

2) Enter the answer.

Use the clues to determine the number.

I have 24 hundreds, 43 tens, and 5 ones. What number am I?

\_\_\_\_\_

3) Choose the correct answer.

Brianna uses  $\frac{7}{12}$  yard of ribbon for a project. Ellie uses  $\frac{3}{12}$  yard of ribbon.

How much more ribbon does Brianna use than Ellie?

- ☐  $\frac{4}{12}$  yard
- ☐  $\frac{5}{12}$  yard
- ☐  $\frac{7}{12}$  yard
- ☐  $\frac{10}{12}$  yard

4) Choose the correct answer.

Jamil's classroom has a length of 9 yards. What is the length of his classroom in feet?

- ☐ 3 feet
- ☐ 18 feet
- ☐ 27 feet
- ☐ 36 feet

5) Choose the correct answer.

Carlos has 264 stickers in his collection divided equally among 6 books. He trades Zoe 2 full books of stickers in exchange for 61 of her stickers. How many total stickers does Carlos have now?

- ☐ 176 stickers
- ☐ 237 stickers
- ☐ 325 stickers
- ☐ 413 stickers

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6) Choose the correct answer.

What fraction is equivalent to the expression

$$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}?$$

- ☐  $\frac{5}{8}$
- ☐  $\frac{5}{40}$
- ☐  $\frac{1}{40}$
- ☐  $\frac{1}{8}$

7) Enter the answer.

The area of a rectangular rug is 108 square feet. The length of the rug is 9 feet.  
What is the width, in feet, of the rug?

\_\_\_\_\_ feet

8) Choose the correct answer.

Which number is the best estimate for the quotient of  $6,248 \div 8$  ?

- ☐ 600
- ☐ 620
- ☐ 750
- ☐ 800

9) Choose the correct answer.

What number makes the equation  $5 \times \frac{1}{10} = \square$  true?

- ☐  $\frac{1}{50}$
- ☐  $\frac{5}{10}$
- ☐  $\frac{51}{10}$
- ☐  $\frac{50}{1}$

10) Fill in the blanks using the available answer choices.

How can you compare the fractions? **Choose  $<$ ,  $>$ , or  $=$  to compare the fractions.**

$$\frac{2}{3} \text{ _____ } \frac{5}{8}$$

(Blank 1)

Blank 1 options

- $<$
- $>$
- $=$

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**11)** Enter the answer.

What is the sum of  $3,581 + 2,395$ ?

$$\begin{array}{r} 3581 \\ + 2395 \\ \hline \end{array}$$

\_\_\_\_\_

**12)** Choose the correct answer.

Which number is prime?

- ☐ 15
- ☐ 16
- ☐ 17
- ☐ 18

**13)** Enter the answer.

Multiply by 3 to continue the pattern.

1, 3, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**14)** Choose the correct answer.

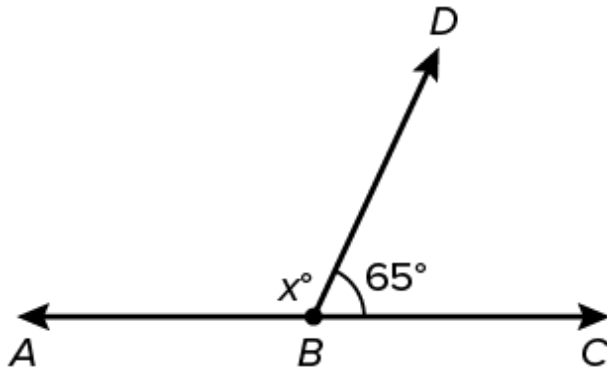
What number makes the equation  $3\frac{1}{2} + 4\frac{2}{8} = \square$  true?

- ☐  $7\frac{6}{8}$
- ☐  $7\frac{3}{8}$
- ☐  $7\frac{3}{10}$
- ☐  $7\frac{2}{10}$

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- 15)** Choose the correct answer.  
Look at the diagram.



The measure of  $\angle ABC$  is  $180^\circ$ . Which expression could be used to find the measure of  $\angle ABD$ ?

- ☐  $180 + 65$   
☐  $180 - 65$   
☐  $65 \times 2$   
☐  $65 + 65$
- 16)** Fill in the blanks using the available answer choices.

How can you compare the decimals?

**Choose  $<$ ,  $>$ , or  $=$  to compare the decimals.**

432.53 \_\_\_\_\_ 432.63  
(Blank 1)

Blank 1 options

- $<$
- $>$
- $=$

- 17)** Enter the answer.

What is 649,427 rounded to the nearest hundred?

\_\_\_\_\_

- 18)** Choose the correct answer.

Guy makes loaves of bread. He uses  $4\frac{1}{3}$  cups of flour for each loaf of bread.

If Guy makes 6 loaves of bread, how many cups of flour does he need in all?

- ☐  $10\frac{1}{3}$  cups  
☐ 12 cups  
☐  $24\frac{1}{3}$  cups  
☐ 26 cups

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**19)** Choose the correct answer.What number makes the equation  $1\frac{3}{4} + \square = 3\frac{2}{4}$  true?

- ☐  $1\frac{3}{4}$
- ☐  $2\frac{1}{4}$
- ☐  $2\frac{2}{4}$
- ☐  $5\frac{1}{4}$

**20)** Enter the answer.

The basketball game lasts 48 minutes. The game lasts 6 times as many minutes as Vance plays in the game.

How many minutes does Vance play in the game?

\_\_\_\_\_ minutes

**21)** Enter the answer.

What is the difference?

 $3,456 - 489 =$  \_\_\_\_\_**22)** Choose the correct answer.

Timur reads 6 books. Gemma reads 2 times as many books as Timur.  
Which equation represents the number of books Gemma reads?

- ☐  $2 \times 6 = 12$
- ☐  $6 \div 2 = 3$
- ☐  $2 + 6 = 8$
- ☐  $6 - 2 = 4$

**23)** Enter the answer.

Marga has 37 eggs to make omelets for a breakfast party.

If each omelet requires 5 eggs, how many omelets can Marga make?

\_\_\_\_\_ omelets

**24)** Enter the answer.Write  $\frac{43}{100}$  in decimal notation.

\_\_\_\_\_

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**25)** Which fractions are equivalent to  $\frac{2}{6}$ ? **Choose all that apply.**

- ☐  $\frac{6}{2}$
- ☐  $\frac{1}{3}$
- ☐  $\frac{4}{12}$
- ☐  $\frac{4}{8}$
- ☐  $\frac{1}{6}$

**26)** Fill in the blanks using the available answer choices.

What number makes the statement true? **Choose 10, 100, 1,000 or 10,000.**

56,000 is \_\_\_\_\_ times greater than 5,600.  
(Blank 1)

Blank 1 options

- 10
- 100
- 1,000
- 10,000

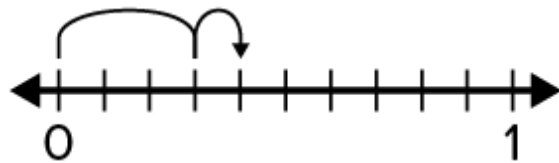
**27)** Enter the answer.

What is the product of  $43 \times 5$  ?

\_\_\_\_\_

**28)** Choose the correct answer.

Look at the number line.



Which equation matches the number line?

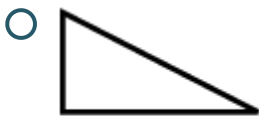
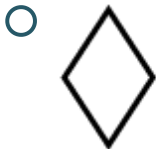
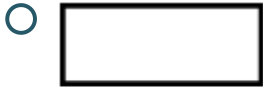
- ☐  $\frac{0}{10} + \frac{3}{10} = \frac{3}{10}$
- ☐  $\frac{4}{10} + \frac{1}{10} = \frac{5}{10}$
- ☐  $\frac{3}{10} + \frac{1}{10} = \frac{4}{10}$
- ☐  $\frac{4}{10} + \frac{2}{10} = \frac{6}{10}$

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**29)** Choose the correct answer.

Which figure has at least one right angle, exactly two pairs of perpendicular sides, and exactly one pair of parallel sides?



**30)** Choose the correct answer.

Which of these comparisons is correct?

☐  $\frac{1}{2} < \frac{1}{8}$

☐  $\frac{2}{3} > \frac{3}{5}$

☐  $\frac{3}{4} < \frac{4}{6}$

☐  $\frac{10}{16} > \frac{5}{8}$

**31)** Choose the correct answer.

Which expression is equal to  $45 \times 89$  ?

☐  $(40 \times 5) + (80 \times 9)$

☐  $(40 + 5) \times (80 + 9)$

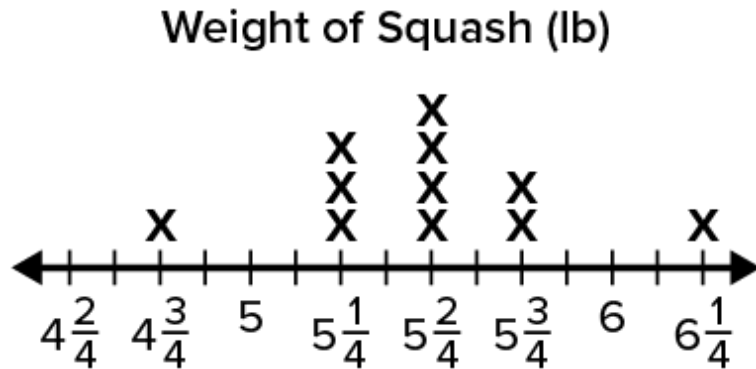
☐  $(40 + 80) \times (5 + 9)$

☐  $(40 \times 80) + (5 \times 9)$

**RVL Digital Summative Assessment, Grade 4****32)** Choose the correct answer.

A farmer weighs some squash from her garden. The line plot shows the weights, in pounds, of the squash.

Look at the line plot.



What is the total weight of the squash that weighs  $5\frac{3}{4}$  pounds?

- ☐  $7\frac{3}{4}$  pounds
- ☐  $10\frac{2}{4}$  pounds
- ☐  $10\frac{3}{4}$  pounds
- ☐  $11\frac{2}{4}$  pounds

**33)** Choose the correct answer.

Which situation can be represented by the equation  $3 \times 10 = \square$ ?

- ☐ Ron saves \$10. Megan saves \$3 more than Ron. How much money does Megan save?
- ☐ Ron saves \$10. Megan saves \$3 more than Ron. How much money do they save in all?
- ☐ Ron saves \$10. Megan saves 3 times as much as Ron saves. How much money does Megan save?
- ☐ Ron saves \$10. Megan saves 3 times as much as Ron saves. How much money do they save in all?

**34)** Choose the correct answer.

What is the difference?

$$7\frac{5}{12} - 4\frac{10}{12} = ?$$

- ☐  $2\frac{7}{12}$
- ☐  $3\frac{5}{12}$
- ☐  $3\frac{7}{12}$
- ☐  $12\frac{3}{12}$



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**35)** Enter the answers.

What unknown number makes the equation true? Complete each equation.

a.  $10 \times \underline{\hspace{2cm}} = 8,000$

b.  $70 \times \underline{\hspace{2cm}} = 700$

c.  $1,000 \div 10 = \underline{\hspace{2cm}}$

d.  $400 \div \underline{\hspace{2cm}} = 10$