

MCAP ... Grade 5 Practice (Section 3)

1  $12\frac{1}{2} - 4\frac{7}{10} = ?$

Select one answer.

A  $7\frac{6}{8}$

B  $7\frac{8}{10}$

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

D  $8\frac{8}{10}$

- 2 A rectangular prism has a length of 20 inches, a width of 10 inches, and a height of 12 inches.

What is the volume, in cubic inches, of the rectangular prism?

Enter your answer in the space provided.

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- 3 The following table shows the corresponding terms in two patterns. Both patterns continue to increase using the same addition rule.

Pattern G	3	7	11	15	19
Pattern H	9	13	17	21	25

What is the relationship between corresponding terms in the two patterns?

Select one answer.

- A Each term in pattern H is 3 times the corresponding term in pattern G.
- B Each term in pattern H is 6 times the corresponding term in pattern G.
- C Each term in pattern H is 4 more than the corresponding term in pattern G.
- D Each term in pattern H is 6 more than the corresponding term in pattern G.

- 4 A package contains  $\frac{1}{3}$  pound of deli meat. The meat will be divided evenly among 4 sandwiches.

How much deli meat, in pounds, will be in each sandwich?

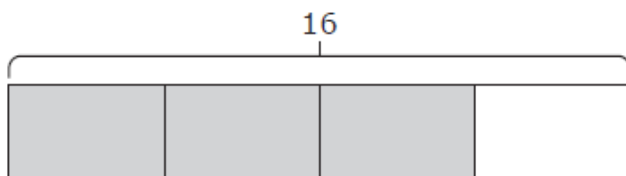
- A  $\frac{1}{12}$
- B  $\frac{3}{4}$
- C  $\frac{4}{3}$
- D  $\frac{12}{1}$

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5 Which comparison is true?

- A  $15.347 > 15.374$
- B  $25.502 < 25.52$
- C  $35.716 < 35.671$
- D  $45.280 > 45.28$

6 The given model can be used to show the solution to a word problem. The shaded counters in the model represent the solution to the word problem.

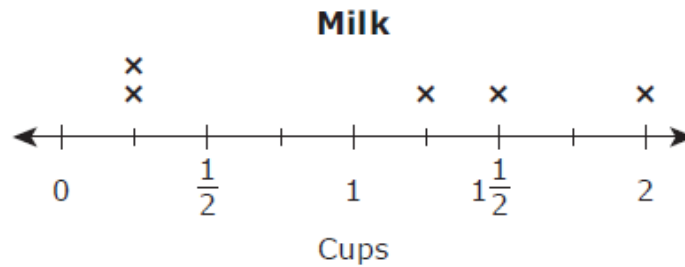


Which word problem can be modeled by the given model?

- A Mike had 12 pennies. He gave Jada  $\frac{3}{4}$  of the pennies he had. How many pennies did Mike give Jada?
- B Each of 16 students in a class drank  $\frac{4}{3}$  cup of water. How many cups of water did the students drink in all?
- C A group of 16 students went to lunch. Of these students,  $\frac{3}{4}$  of them bought milk. How many students bought milk?
- D Mike read 12 pages of a book. Jada read  $\frac{4}{3}$  times the number of pages Mike read. How many pages did Jada read?

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7 The amount of milk needed for each of 5 recipes is shown on the line plot.



What is the total amount of milk needed for the recipes?

**A** 4

**B** 5

**C**  $5\frac{1}{4}$

**D**  $5\frac{1}{2}$

8 A teacher assigned a project to 5 students. Each student used 3.75 square feet of paper for the project.

What was the total amount of paper used for the project?

Select one answer.

**A** 1.25 square feet

**B** 8.75 square feet

**C** 16.25 square feet

**D** 18.75 square feet

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9 What is the value of  $7 \div \frac{1}{5}$ ?

A  $\frac{1}{35}$

B  $\frac{5}{7}$

C  $\frac{7}{5}$

D  $\frac{35}{1}$

10 In which number does the digit 8 have a value that is 10 times as great as the value of the digit 8 in the number 456.789?

A 567.894

B 678.945

C 789.456

D 894.567

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**11** Which set of statements is true?

Select one answer.

- A** All rectangles are quadrilaterals.  
All quadrilaterals have 4 sides.  
Thus, all rectangles have 4 sides.
- B** All trapezoids are squares.  
All squares have sides of equal length.  
Thus, all trapezoids have sides of equal length.
- C** All rectangles are trapezoids.  
All trapezoids have 4 right angles.  
Thus, all rectangles have 4 right angles.
- D** All squares are quadrilaterals.  
All quadrilaterals have acute angles.  
Thus, all squares have acute angles.

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**Answers**

Item Number	Answer Key
1.	B
2.	2400
3.	D
4.	A
5.	B
6.	C
7.	C
8.	D
9.	D
10.	A
11.	A