

1. Which number makes the statement true?

$$\boxed{\phantom{00}} \times \frac{1}{8} = \frac{7}{8}$$

- (A) 6
- (B) 7
- (C) 8
- (D) 9

2. Which number makes the statement true?

$$27 \times \boxed{\phantom{00}} = \frac{27}{100}$$

- (A)  $\frac{100}{27}$
- (B)  $\frac{1}{10}$
- (C)  $\frac{1}{27}$
- (D)  $\frac{1}{100}$

3. Multiply.

$$13 \times \frac{1}{8} = \boxed{\phantom{00}}$$

- (A)  $\frac{8}{13}$
- (B)  $\frac{13}{8}$
- (C)  $\frac{14}{8}$
- (D)  $13\frac{1}{8}$

4. Which number makes the statement true?

$$\boxed{\phantom{00}} \times \frac{3}{10} = 9 \times \frac{1}{10}$$

- (A)  $\frac{3}{10}$
- (B)  $\frac{1}{3}$
- (C) 3
- (D) 6

5. Which number makes the statement true?

$$9 \times \boxed{\phantom{00}} = \frac{27}{100}$$

- (A)  $\frac{3}{100}$
- (B)  $\frac{18}{100}$
- (C)  $\frac{28}{100}$
- (D)  $\frac{36}{100}$

6. Multiply.

$$5 \times \frac{7}{12} = \boxed{\phantom{00}}$$

- (A)  $\frac{7}{60}$
- (B)  $\frac{12}{35}$
- (C)  $\frac{12}{12}$
- (D)  $\frac{35}{12}$

7. Jaime works at the orange juice stand each morning at school. He uses  $\frac{5}{6}$  of a case of oranges every day. How many cases will Jaime use in 10 days?

Ⓐ  $\frac{5}{16}$  case  
Ⓑ  $\frac{6}{15}$  case  
Ⓒ  $\frac{50}{6}$  cases  
Ⓓ  $\frac{60}{5}$  cases

8. Marcus has a recipe for a bean burrito. The recipe calls for  $\frac{7}{10}$  cup of beans. How many cups of beans will Marcus need if he makes 6 times the recipe?

Ⓐ  $\frac{1}{10}$  cup  
Ⓑ  $\frac{7}{16}$  cup  
Ⓒ  $\frac{13}{10}$  cups  
Ⓓ  $\frac{42}{10}$  cups

9. Marshae is making pizza for the fourth grade movie night. The recipe calls for  $\frac{1}{4}$  teaspoon of salt per pizza. She needs to make 11 pizzas. Write a multiplication sentence to show how much salt Marshae needs for 11 pizzas. Explain your answer.

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10. Lu was preparing flower pots for the Kindergarten classes. Each pot takes  $\frac{3}{4}$  cup of soil. There are 22 children in Kindergarten. Write a multiplication sentence that shows how much soil Lu needs for all the flower pots. Explain your answer.

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11. Each student gets  $\frac{11}{12}$  cup of popcorn at the school carnival. Miss Monica's class has 25 students. How much popcorn is needed for Miss Monica's class? Explain how you know. Write a number sentence to help you.

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- 12.** Mr. Mendez is putting books on a shelf. Each book is  $\frac{5}{8}$  inch thick, and there are 12 books in all. The space on the shelf is 8 inches wide. If Mr. Mendez stands the books side by side, will all of them fit in the space? Explain how you know. Draw a number line model to show the answer.



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