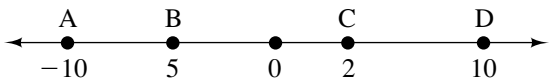


Cumulative Review

Chapters 1–5

Multiple Choice. Choose the letter of the best answer.

1. Which point on the number line shows the product $(-5) \times 2$?



2. Which equation is *not* equivalent to $2x - 4 = 9$?

- F. $-4 + 2x = 9$
- G. $2x - 9 = 4$
- H. $-9 + 2x = 4$
- I. $4 - 2x = 9$

3. Solve $\frac{x}{6} = -8$.

- A. $x = -2$
- B. $x = -48$
- C. $x = 14$
- D. $x = -8$

4. Solve $-9m = -63$.

- F. $m = -72$
- G. $m = -54$
- H. $m = 567$
- I. $m = 7$

5. Which decimal is equal to $\frac{3}{8}$?

- A. 0.125
- B. 0.375
- C. 0.38
- D. 0.83

6. What is the LCD for $\frac{2}{9}$ and $\frac{5}{6}$?

- F. 9
- G. 18
- H. 27
- I. 54

7. Which number is closest to $1\frac{1}{2}$?

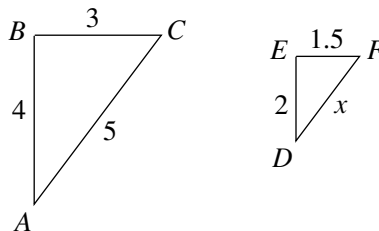
- A. $\frac{9}{5}$
- B. $1\frac{1}{3}$
- C. $\frac{8}{5}$
- D. $\frac{9}{10}$

8. Estimate how many $\frac{1}{3}$ -lb boxes can be filled from a $5\frac{3}{4}$ -lb bag of rice.

- F. about 10
- G. about 12
- H. about 15
- I. about 18

9. $\triangle ABC$ is similar to $\triangle DEF$. What is the value of x ?

- A. 1.5
- B. 2
- C. 2.5
- D. 5



10. What is the ratio $\frac{45}{90}$ in simplest form?

- F. $\frac{9}{18}$
- G. $\frac{15}{30}$
- H. $\frac{3}{6}$
- I. $\frac{1}{2}$

11. Jason bought $4\frac{2}{3}$ yd of rope to make a swing. What is this number as an improper fraction?

- A. $\frac{6}{3}$
- B. $\frac{14}{3}$
- C. $\frac{7}{2}$
- D. $\frac{12}{3}$

12. What is the next fraction in this pattern?

$\frac{4}{2}, \frac{6}{3}, \frac{8}{4}, \frac{10}{5}, \dots$

- F. $\frac{11}{5}$
- G. $\frac{12}{5}$
- H. $\frac{12}{6}$
- I. $\frac{11}{6}$

