Test, Form 1A

Write the letter for the correct answer in the blank at the right of each question.

1. Write $-\frac{12}{25}$ as a decimal.
   A. $-0.52$  B. $-0.48$  C. $2.08$  D. $12.04$  1. **B**

2. Which of the following is a true statement?
   F. $-\frac{5}{6} > -\frac{4}{9}$  G. $4.3 > 4\frac{3}{4}$  H. $13\frac{5}{8} = 13.625$  I. $\frac{5}{9} > 0.57$  2. **H**

3. Trent made 11 free throws out of 15 attempts during the basketball game. What was his free-throw average expressed as a decimal?
   A. $0.7$  B. $0.7\overline{3}$  C. $0.3\overline{7}$  D. $0.\overline{8}$  3. **B**

4. Which set of rational numbers is ordered from least to greatest?
   F. $-4.3$, $4\frac{1}{4}$, $4.1$, $4.06$  G. $-6\frac{5}{8}$, $-6.34$, $-6.3$, $-6\frac{1}{4}$  H. $-0.27$, $-\frac{2}{9}$, $-\frac{2}{3}$, $-0.\overline{1}$  I. $-7\frac{12}{13}$, $-7\frac{13}{15}$, $-7.8\overline{6}$, $-7.8\overline{6}$  4. **H**

5. Evaluate each expression.
   5. $|\frac{-8}{29}|$  A. $8$  B. $-8$  C. $0$  D. $4$  5. **A**

6. $|10 - 3|$  F. $-7$  G. $10$  H. $3$  I. $7$  6. **I**

7. $|-14| + |5|$  A. $19$  B. $11$  C. $-11$  D. $-19$  7. **A**

8. What is the opposite of $-17$?
   F. $-17$  G. $17$  H. $0$  I. $|-17|$  8. **G**

9. Which set of integers is graphed on the number line?
   A. $\{-4, -2, -1\}$  B. $\{-4, -2, 1\}$  C. $\{-4, -1, 2\}$  D. $\{-4, 1, 2\}$  9. **B**
Test, Form 1A  (continued)

For Exercises 10 and 11, use the coordinate plane below.

10. Which ordered pair names point $E$?
   F. $(-1, 5)$  
   G. $(1, -5)$  
   H. $(-5, 1)$  
   I. $(5, -1)$  

11. Which of the following names the point for the ordered pair $(2, 3)$?
   A. point $A$  
   B. point $B$  
   C. point $C$  
   D. point $D$  

12. Which situation does the integer $-6$ best represent?
   F. 6 yards behind the winner  
   G. 6 feet above the ground  
   H. finding $6$ in a pocket  
   I. earning $6$  

Replace each _ with $<$, $>$, or $=$ to make a true statement.

13. $9 \_ -8$
   A. $<$  
   B. $>$  
   C. $=$  
   D. $+$  

14. $6 \_ -8$
   F. $<$  
   G. $>$  
   H. $=$  
   I. $+$  

15. Which number is less than $-3$?
   A. $0$  
   B. $2$  
   C. $-2$  
   D. $-4$  

16. Order $-5, -7, 0, 4$ from least to greatest.
   F. $0, 4, -5, -7$  
   G. $-5, -7, 0, 4$  
   H. $-7, -5, 0, 4$  
   I. $-7, -5, 4, 0$  

17. Which quadrant contains the point named by $(2, 5)$?
   A. Quadrant I  
   B. Quadrant II  
   C. Quadrant III  
   D. Quadrant IV  

18. Kira has $40 to spend and used $20 to buy a new pair of jeans. Which integer best represents the situation of spending $20$?
   F. $20$  
   G. $-20$  
   H. $40$  
   I. $-40$  

19. Geoffrey used 7 out of his 20 tokens on one game at the arcade. What is this fraction written as a decimal?
   A. $0.35$  
   B. $0.35$  
   C. $0.4$  
   D. $0.45$  

110  
Course 1 • Chapter 5  Integers and the Coordinate Plane