Quiz Review

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

1. Write $-\dfrac{12}{25}$ as a decimal. $\text{Top ÷ bottom \hspace{1cm} -12 ÷ 25 = -0.48}$
   A. 0.52 \hspace{1cm} B. 0.48 \hspace{1cm} C. 2.08 \hspace{1cm} D. 12.04
   1. B.

2. Which of the following is a true statement? $\text{5} \div \text{8} = 0.625$
   F. $-\dfrac{5}{6} > -\dfrac{4}{9}$ \hspace{1cm} G. $4.3 > 4\dfrac{3}{4}$ \hspace{1cm} H. $\dfrac{5}{8} = 13.625$ \hspace{1cm} I. $\dfrac{5}{9} > 0.57$
   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 \hspace{1cm} B. 0.73 \hspace{1cm} C. 0.37 \hspace{1cm} D. 0.8
   $\dfrac{11}{15}$ \hspace{1cm} $11 \div 15 = 0.7333333333333333$
   3. B.

4. Which set of rational numbers is ordered from least to greatest?
   F. $-4.3, \dfrac{1}{4}, \dfrac{1}{5}, 4.06$ \hspace{1cm} G. $-0.27, -2\dfrac{1}{3}, -2, -0.1$
   H. $-6\dfrac{5}{8}, -6.34, -6\dfrac{1}{3}, -6\dfrac{1}{4}$ \hspace{1cm} I. $-7\dfrac{12}{13}, -7\dfrac{13}{15}, -7.86, -7.86$
   4. H.

Evaluate each expression.

5. \[|\text{-}8|\]
   A. 8 \hspace{1cm} B. -8 \hspace{1cm} C. 0 \hspace{1cm} D. 4
   5. A.

6. \[|\text{10 - 3}|\]
   F. -7 \hspace{1cm} G. 10 \hspace{1cm} H. 3 \hspace{1cm} I. 17
   6. I.

7. \[|\text{-14}| + |5|\]
   \[14 + 5 = 19\]
   A. 19 \hspace{1cm} B. 11 \hspace{1cm} C. -1 \hspace{1cm} D. 19
   7. D.

8. What is the opposite of $\text{-17}$?
   F. $\text{-17}$ \hspace{1cm} G. 17 \hspace{1cm} H. 0 \hspace{1cm} I. $|\text{-17}|$
   8. G.

9. Which set of integers is graphed on the number line?
   \[\text{---} -4 -3 -2 -1 0 1 2 3 4 \]
   A. \{-4, -2, -1\} \hspace{1cm} C. \{-4, -1, 2\}
   B. \{-4, -2, 1\} \hspace{1cm} 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)   H. (-5, 1)
   G. (1, -5)   I. (5, -1)
   10. G.

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

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

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

13. 9 • -8
   A. <   B. >   C. =   D. +
   13. B

14. 6 • -8
   F. <   G. >
   H. =   I. +
   14. G

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

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

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

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   H. 40
   G. -20   I. -40
   18. G

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
   19. B
Vocabulary Review

Write the word in the answer space.

- absolute value
- bar notation
- integer
- negative integer
- opposites
- positive integer
- quadrants
- rational number
- repeating decimal
- terminating decimal

Choose from the terms above to complete each sentence.

1. The absolute value of a negative integer is a positive integer.

2. The integers –10 and 10 are opposites.

3. The absolute value of –5 is 5.

4. Any number that can be written as a fraction is a(n) rational number.

5. Repeating decimals can be expressed exactly using bar notation.

6. A(n) decimal is a decimal whose division ends.

7. 0.8585858585… is an example of a(n) repeating decimal.

8. How many quadrants are on a coordinate graph? 4
   b) Write the Roman Numerals for the quadrants. I, II, III, IV

9. An integer is a positive and negative whole number.