

Ch 5 Review

Indicate the answer choice that best completes the statement or answers the question.

___ 1. Which of the following is a true statement?

- a. $-\frac{5}{6} > -\frac{4}{9}$ b. $4.3 > 4\frac{3}{4}$
 c. $13\frac{5}{8} = 13.625$ d. $\frac{5}{9} > 0.\overline{57}$

___ 2. 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. $0.\overline{73}$
 c. $0.\overline{37}$ d. $0.\overline{8}$

Evaluate each expression.

___ 3. $|-8|$

- a. 8 b. -8
 c. 0 d. 4

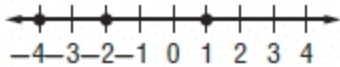
___ 4. $|-14| + |5|$

- a. 19 b. 11
 c. -11 d. -19

___ 5. What is the opposite of -17?

- a. -17 b. 17
 c. 0 d. $-|17|$

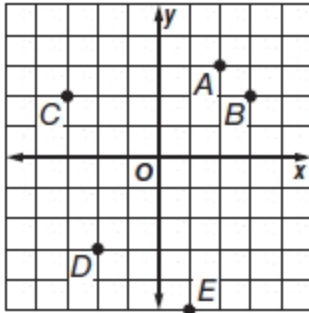
___ 6. Which set of integers is graphed on the number line?



- a. $\{-4, -2, -1\}$ b. $\{-4, -2, 1\}$
 c. $\{-4, -1, 2\}$ d. $\{-4, 1, 2\}$

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Use the coordinate plane below.



- ___ 7. Which ordered pair names point E ?
- a. $(-1, 5)$ b. $(1, -5)$
 c. $(-5, 1)$ d. $(5, -1)$
- ___ 8. Which situation does the integer -6 best represent?
- a. 6 yards behind the winner b. 6 feet above the ground
 c. finding \$6 in a pocket d. earning \$6

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

- ___ 9. $6 \bigcirc -8$
- a. $<$ b. $>$
 c. $=$ d. $+$
- ___ 10. Which number is less than -3 ?
- a. 0 b. 2
 c. -2 d. -4
- ___ 11. Order $-5, -7, 0,$ and 4 from least to greatest.
- a. $0, 4, -5, -7$ b. $-5, -7, 0, 4$
 c. $-7, -5, 0, 4$ d. $-7, -5, 4, 0$
- ___ 12. Which quadrant contains the point named by $(2, 5)$?
- a. Quadrant I b. Quadrant II
 c. Quadrant III d. Quadrant IV
- ___ 13. Kira has \$40 to spend and used \$20 to buy a new pair of jeans. Which integer best represents the situation of spending \$20?
- a. 20 b. -20
 c. 40 d. -40
- ___ 14. Geoffrey used 7 out of his 20 tokens on one game at the arcade. What is this fraction written as a decimal?
- a. $0.\overline{35}$ b. 0.35
 c. $0.\overline{4}$ d. 0.45

Name: _____ Class: _____ Date: _____

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Answer Key

1. c

2. b

3. a

4. a

5. b

6. b

7. b

8. a

9. b

10. d

11. c

12. a

13. b

14. b