

Ch 5 STEAM REVIEW

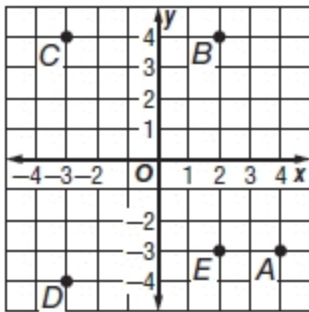
Multiple Choice

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

- ___ 1. Which of the following statements is true?
a. $4 < -8$ b. $-1 < -4$
c. $-9 > 0$ d. $-2 > -7$
- ___ 2. Which expression has the greatest value?
a. $-|-13|$ b. $|-1|$
c. $-|-22|$ d. $|20|$
- ___ 3. What is the value of the expression $|-31| + |-9|$?
a. -40 b. -22
c. 29 d. 40
- ___ 4. Which integer best represents a deposit of \$37 into an account?
a. 37 b. -37
c. $-|37|$ d. $-|-37|$
- ___ 5. Write $-\frac{2}{9}$ as a decimal.
a. $-0.\bar{2}$ b. $-0.\bar{23}$
c. -0.22 d. -2.2
- ___ 6. Order -2.96 , $2\frac{1}{9}$, $-2\frac{11}{12}$, and $2.\bar{95}$ from least to greatest.
a. $-2.96, 2.\bar{95}, -2\frac{11}{12}, 2\frac{1}{9}$ b. $2.\bar{95}, -2.96, -2\frac{11}{12}, 2\frac{1}{9}$
c. $-2.96, -2\frac{11}{12}, 2\frac{1}{9}, 2.\bar{95}$ d. $-2.96, 2\frac{1}{9}, -2\frac{11}{12}, 2.\bar{95}$
- ___ 7. Which integer represents a decrease of five degrees?
a. $+7$ b. $+5$
c. -5 d. -7
- ___ 8. Which situation is *not* best described by a negative integer?
a. a height of 75 yards b. a decrease of 4 points
c. a loss of 9 pounds d. 3 degrees below zero
- ___ 9. Which of the following correctly identifies the quadrant where the point named by $(2, 2)$ is located?
a. Quadrant I b. Quadrant II
c. Quadrant III d. Quadrant IV

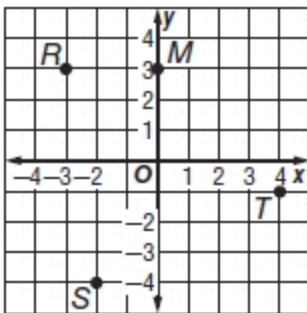
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Use the coordinate plane below.



- ___ 10. Which of the following correctly identifies the point for the ordered pair $(4, -3)$?
- a. point *A* b. point *B*
 c. point *C* d. point *D*
- ___ 11. Which of the following ordered pairs correctly names point *D*?
- a. $(-3, 4)$ b. $(3, -4)$
 c. $(-3, -4)$ d. $(3, 4)$
- ___ 12. Which of the following correctly identifies the quadrant where the point named by $(-3, 7)$ is located?
- a. Quadrant I b. Quadrant II
 c. Quadrant III d. Quadrant IV

Choose the letter represented by the ordered pair.



- ___ 13. $(0, 3)$
- a. Point *R* b. Point *T*
 c. Point *M* d. Point *S*
- ___ 14. $(-3, 3)$
- a. Point *R* b. Point *T*
 c. Point *M* d. Point *S*
- ___ 15. $(-2, -4)$
- a. Point *R* b. Point *T*
 c. Point *M* d. Point *S*

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- ___ 16. $(4, -1)$
a. Point R b. Point T
c. Point M d. Point S

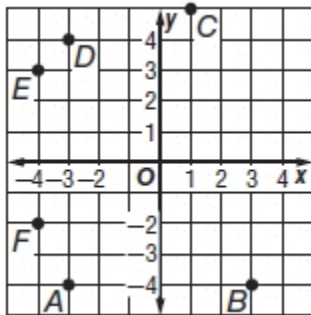
Subjective Short Answer

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

17. $0 \bigcirc -1$

18. $-7 \bigcirc -9$

Use the coordinate plane below.



19. Identify the point for the ordered pair $(-4, 3)$.

20. Write the ordered pair that names point A .

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21. Write the ordered pair that names point D .

22. Write the ordered pair that represents the reflection of point D across the y -axis.

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Answer Key

1. d
2. d
3. d
4. a
5. a
6. c
7. c
8. a
9. a
10. a
11. c
12. b
13. c
14. a
15. d
16. b
17. >
18. >
19. point *E*
20. $(-3, -4)$
21. $(-3, 4)$
22. $(3, 4)$