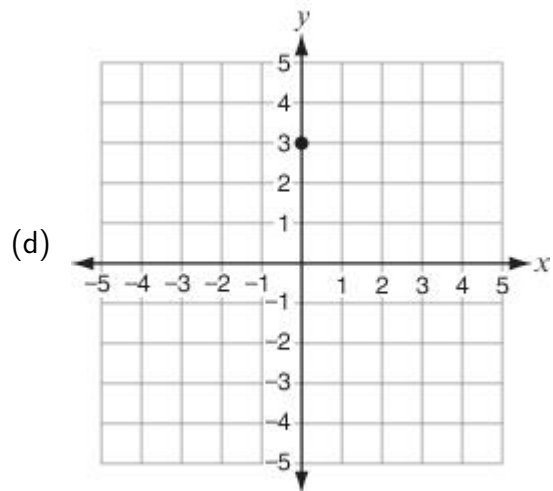
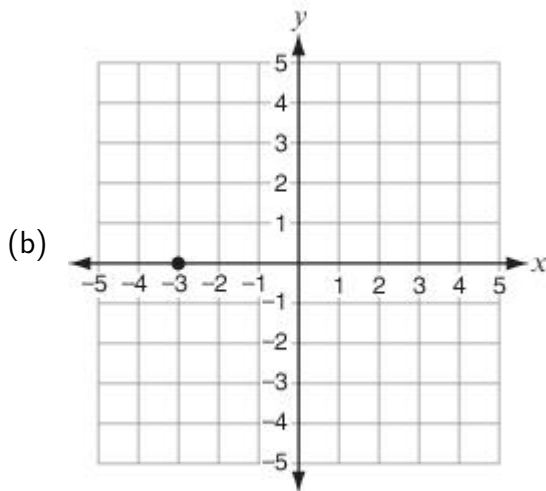
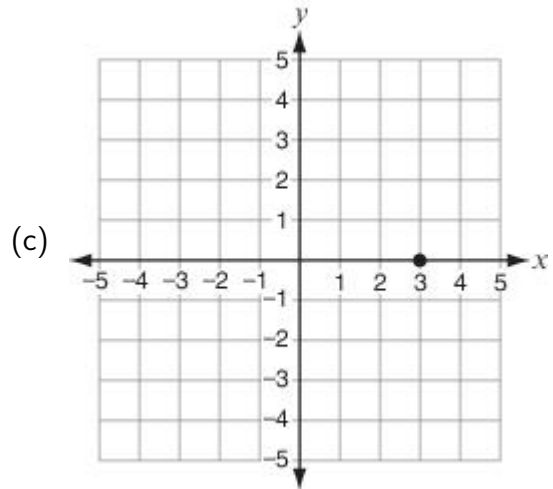
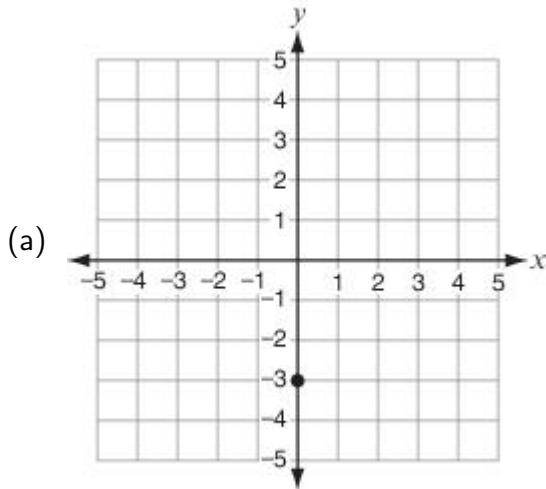


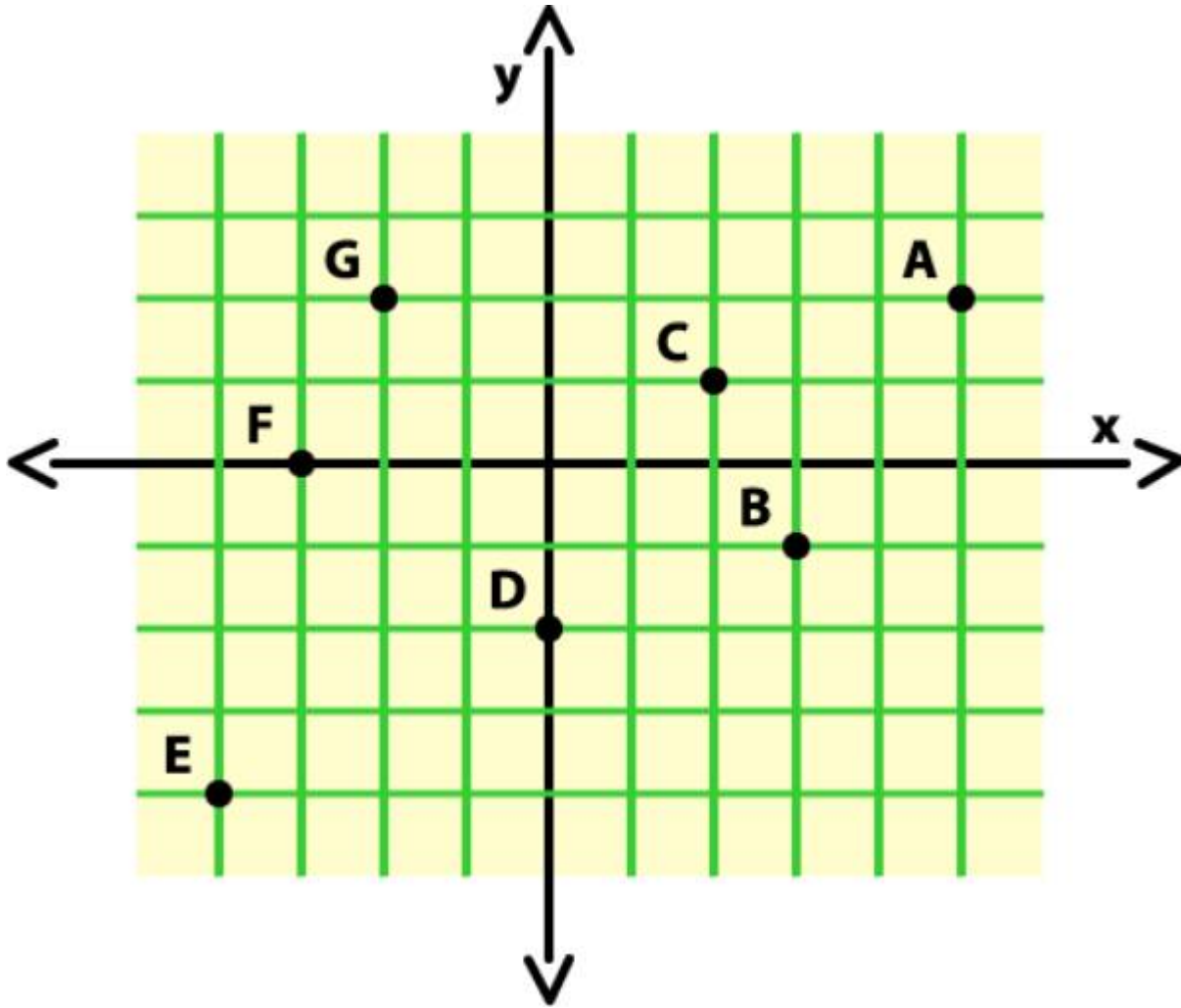
Review Worksheet #5

Section 1 - Multiple Choice

1) Which of the following shows the correct location of the ordered pair $(-3, 0)$?



For questions 2-4



2)

In which quadrant is point E ?

- (a) I
- (b) II
- (c) III
- (d) IV

3)

Identify a point in which the x value is less than the y value.

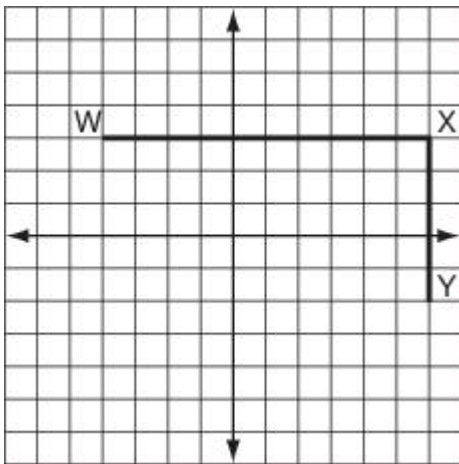
- (a) C
- (b) D
- (c) E
- (d) F

4)

Identify the ordered pair for the point labeled D .

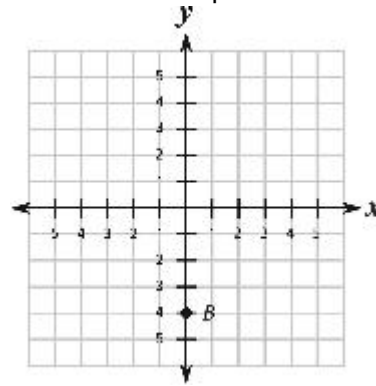
- (a) $(0, -2)$
- (b) $(0, 2)$
- (c) $(2, 0)$
- (d) $(-2, 0)$

5) At what coordinates should point Z be plotted to complete rectangle $WXYZ$?



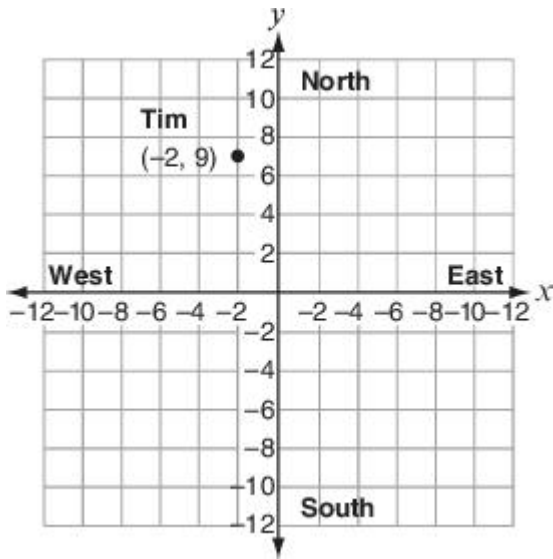
- (a) $(-2, 4)$
- (b) $(2, -4)$
- (c) $(-4, -2)$
- (d) $(4, -2)$

6) Which of the following ordered pairs describe the location of point B ?



- (a) $(0, -4)$
- (b) $(0, 4)$
- (c) $(4, 0)$
- (d) $(-4, 0)$

7) Tim lives at location $(-2, 9)$ on the map below. His work is located 6 units south and 12 units east. What are the coordinates for the location of his workplace?

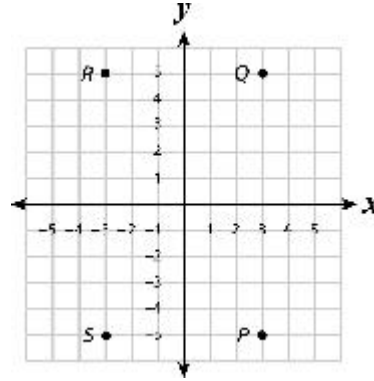


- (a) $(14, 3)$
- (b) $(12, 6)$
- (c) $(10, 3)$
- (d) $(4, -3)$

8) Juan plotted a point so that $x = 2$ and $y = -5$. How is this point written as an ordered pair?

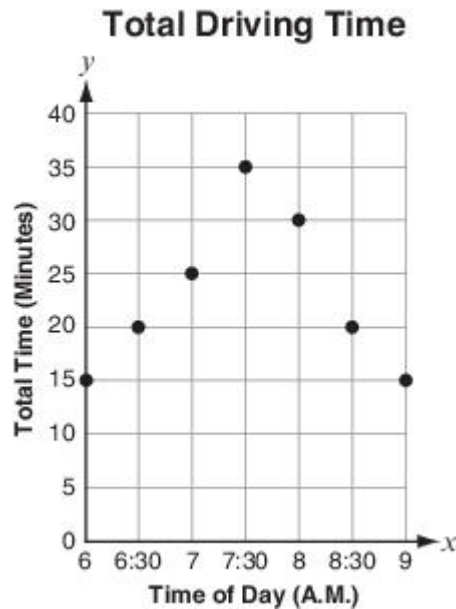
- (a) $(2, -5)$
- (b) $(-5, 2)$
- (c) $(-2, 5)$
- (d) $(5, -2)$

9) Which point represents $(3, -5)$ on the graph?



- (a) point P
- (b) point Q
- (c) point R
- (d) point S

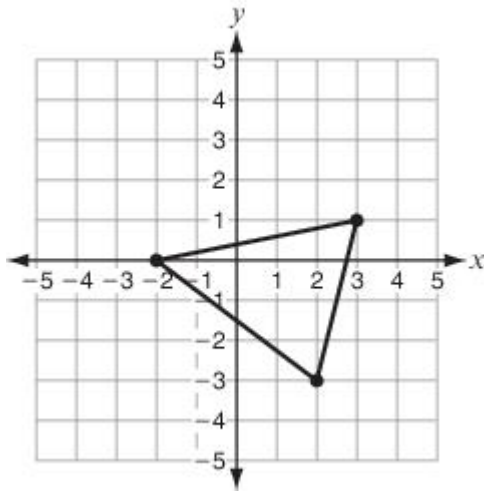
10) The graph below shows the time it takes to travel into the city at various times of the day.



Which of the following is an ordered pair from the graph?

- (a) $(6:30 \text{ A.M.}, 15 \text{ minutes})$
- (b) $(7:00 \text{ A.M.}, 25 \text{ minutes})$
- (c) $(8:00 \text{ A.M.}, 35 \text{ minutes})$
- (d) $(8:30 \text{ A.M.}, 15 \text{ minutes})$

11) What are the coordinates of this triangle?

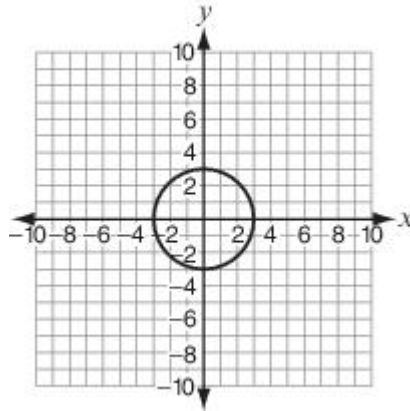


- (a) $(-2, 0), (1, -3), (2, 3)$ (c) $(-2, 0), (-3, 1), (3, 2)$
 (b) $(-2, 0), (3, 1), (2, -3)$ (d) $(-2, 0), (3, 1), (-3, 2)$

12) Danielle is standing on coordinate $(2, 5)$. She needs to go to her bank, which is located 4 units west and 6 units north of her current location. What will be Danielle's new coordinates when she reaches the bank?

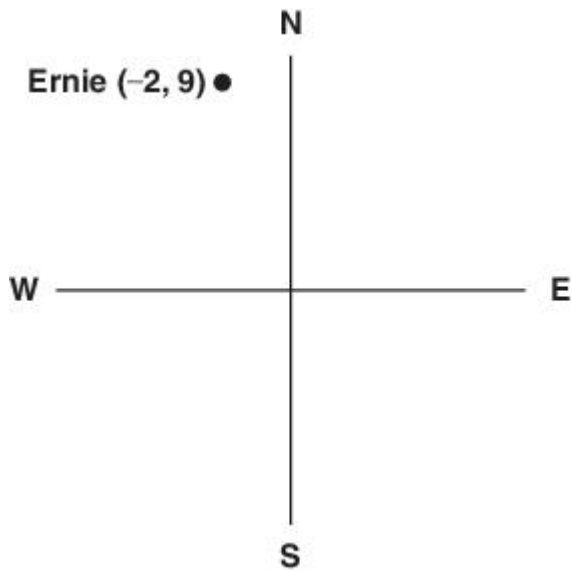
- (a) $(6, 11)$
 (b) $(-2, -1)$
 (c) $(-2, 11)$
 (d) $(6, -1)$

13) Renee has drawn a circle on a piece of graph paper. The diameter of her circle is 6 units long and the center of her circle is at $(0, 0)$. Renee has decided that she likes her circle but would like to relocate it. If she were to move the center of her circle to $(-3, 4)$, where on the y-axis would the circle's edge now touch?



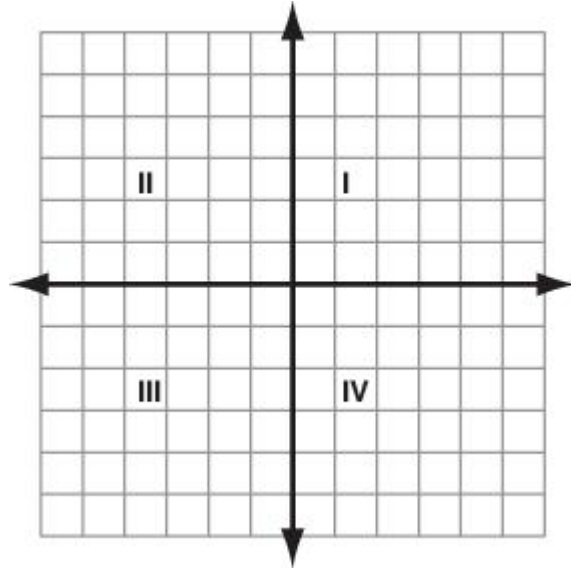
- (a) -3
 (b) 4
 (c) 6
 (d) The edge would not intersect the y-axis.

14) Ernie lives at location $(-2, 9)$ on the map below. His work is located **6** units south and **12** units east. What are the coordinates for the location of his workplace?



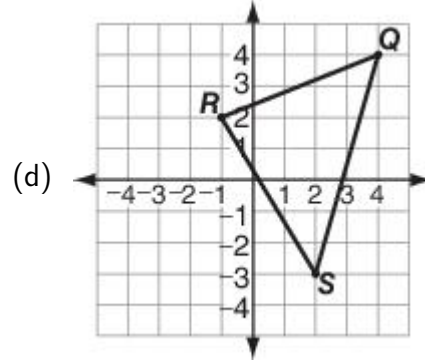
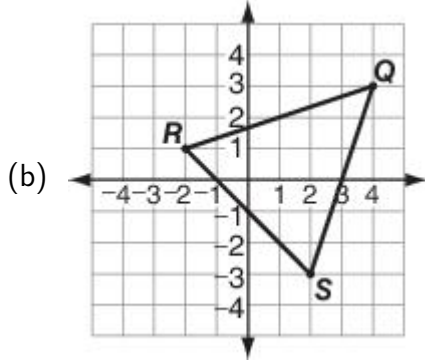
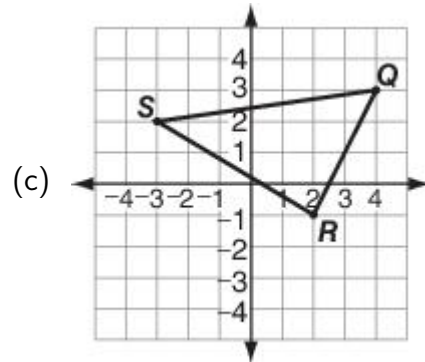
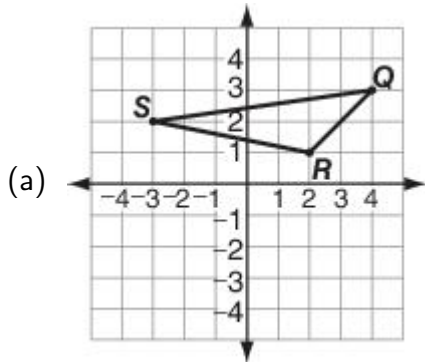
- (a) $(14, 3)$
- (b) $(12, 6)$
- (c) $(10, 3)$
- (d) $(4, -3)$

15) In which quadrant below would you graph the ordered pair $(1, -6)$?

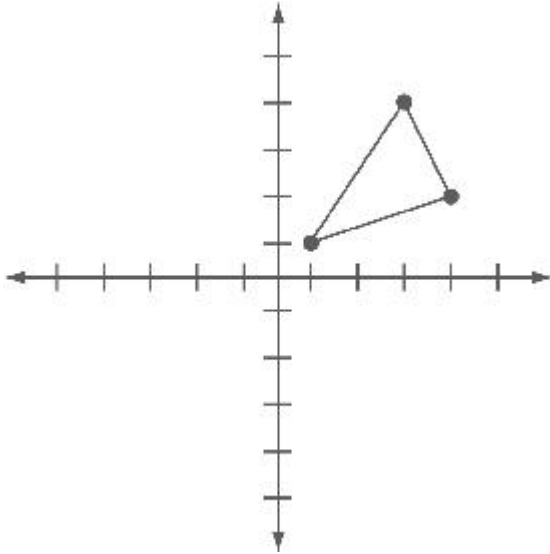


- (a) I
- (b) II
- (c) III
- (d) IV

16) Triangle $\triangle QRS$ has vertices at points $Q(4, 3)$, $R(2, -1)$, and $S(-3, 2)$. Which of the following graphs shows $\triangle QRS$ plotted correctly?

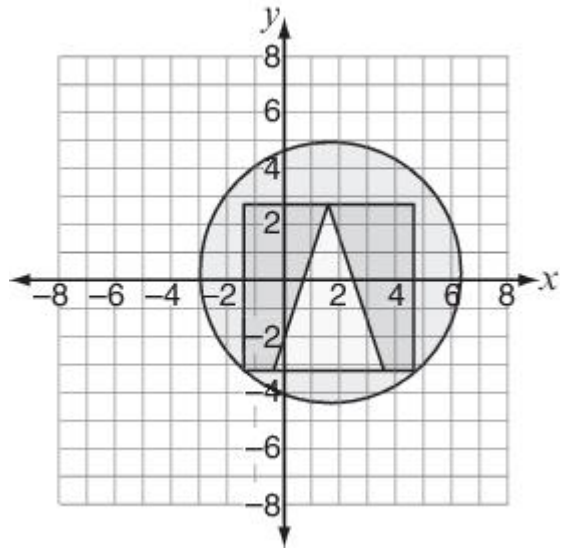


17) Which ordered pair gives the coordinates of one of the vertices of the polygon?



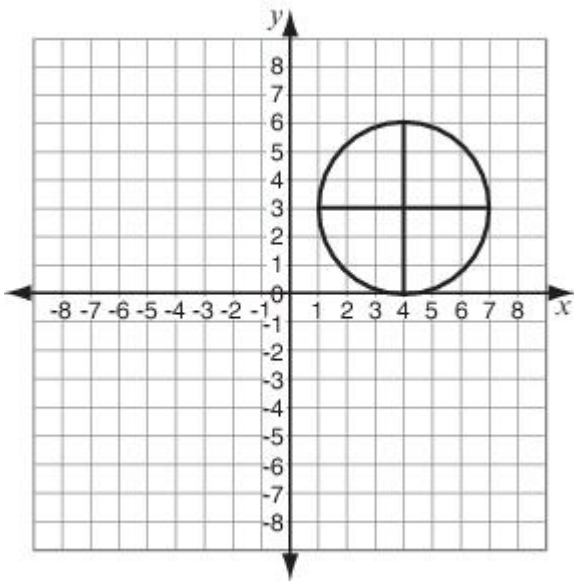
- (a) (1, 1)
- (b) (2, 3)
- (c) (-1, 1)
- (d) (4, 3)

18) Which point is found inside the square and the circle but outside the triangle?



- (a) (-1, -2)
- (b) (1, -2)
- (c) (2, -3)
- (d) (4, -5)

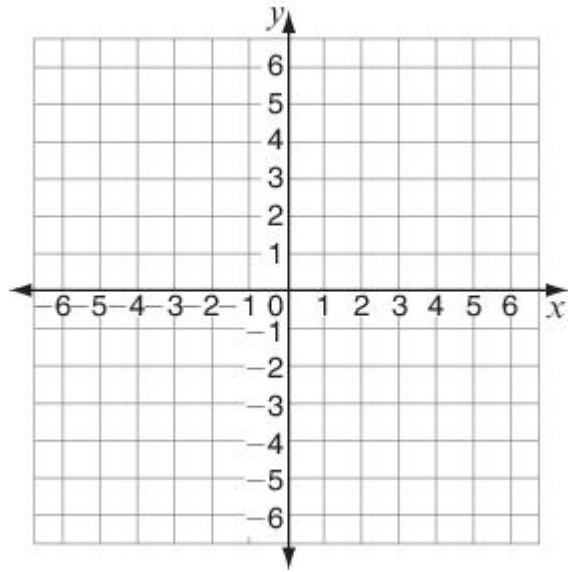
19) Which coordinate point satisfies the following two conditions: serves as an endpoint and lies on the x -axis?



- (a) (4, 6)
- (b) (4, 3)
- (c) (4, 0)
- (d) (0, 4)

20) If the following ordered pairs were plotted and connected in order, what shape would be made?

(3, 1) (4, 3) (3, 5) (2, 3) (3, 1)



- (a) triangle
- (b) square
- (c) diamond
- (d) star

Review Worksheet #5

Answer Key

Section 1 - Multiple Choice

- 1) **b**
- 2) **c**
- 3) **d**
- 4) **a**
- 5) **c**
- 6) **a**
- 7) **c**
- 8) **a**
- 9) **a**
- 10) **b**
- 11) **b**
- 12) **c**
- 13) **b**
- 14) **c**
- 15) **d**
- 16) **c**
- 17) **a**
- 18) **a**
- 19) **c**
- 20) **c**