

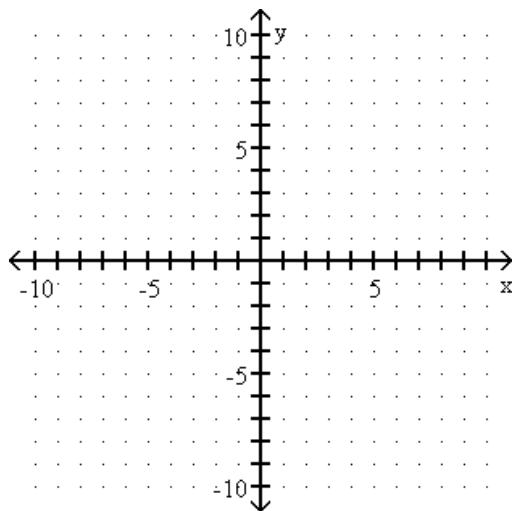
4.3.28 Graphing Using x & y Intercept 2

MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

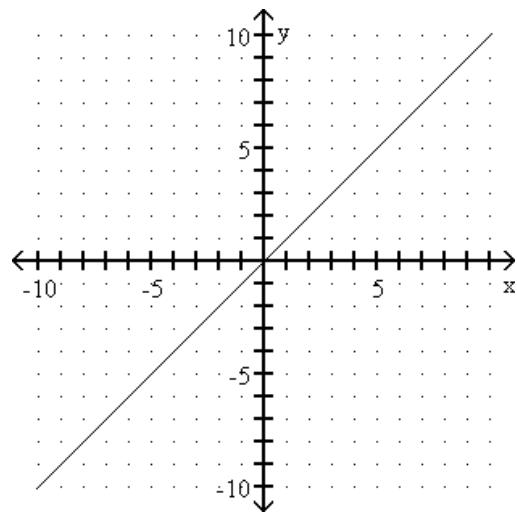
Graph using the x- and y-intercepts.

1) $y = -2$

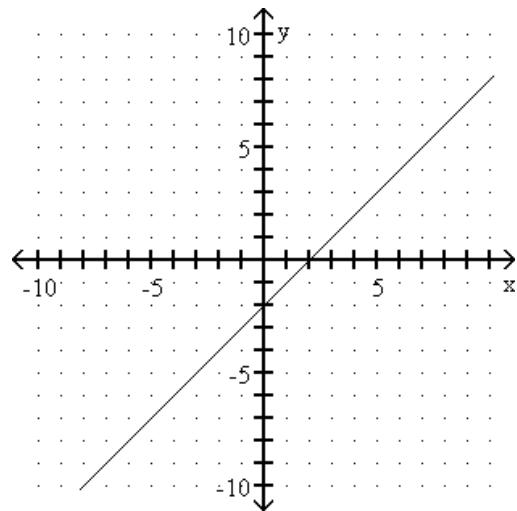
1) _____



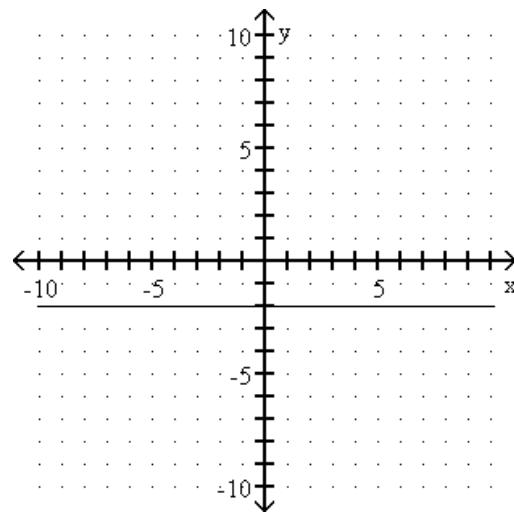
A)



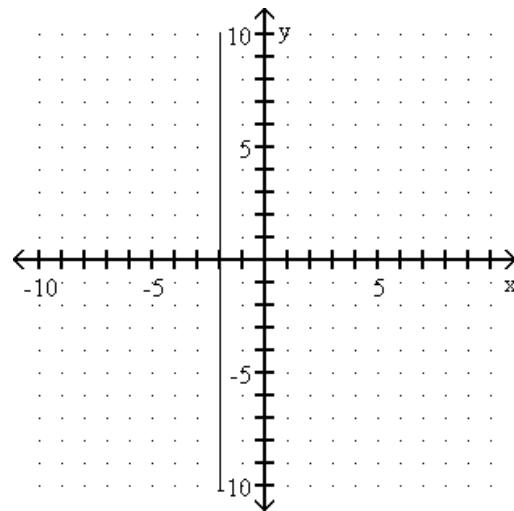
C)



B)



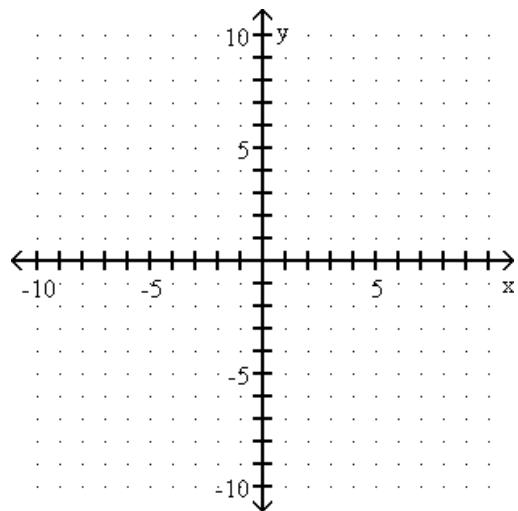
D)



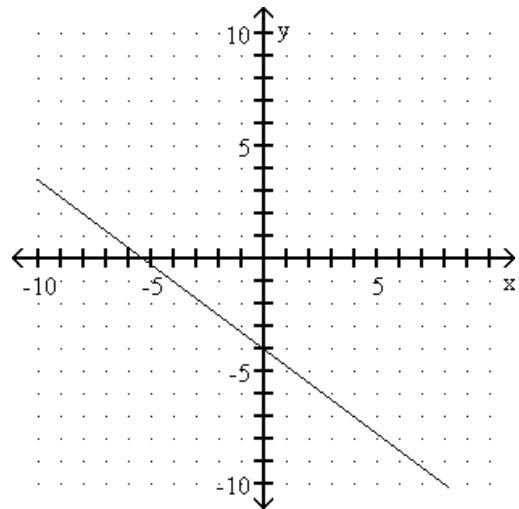
4.3.28 Graphing Using x & y Intercepts 2

$$2) 3x + 4y = 16$$

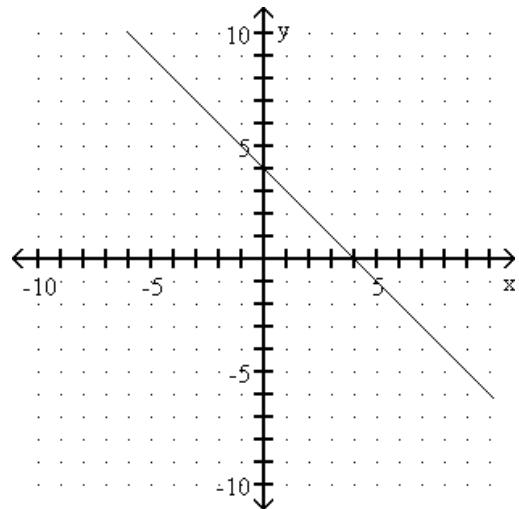
2) _____



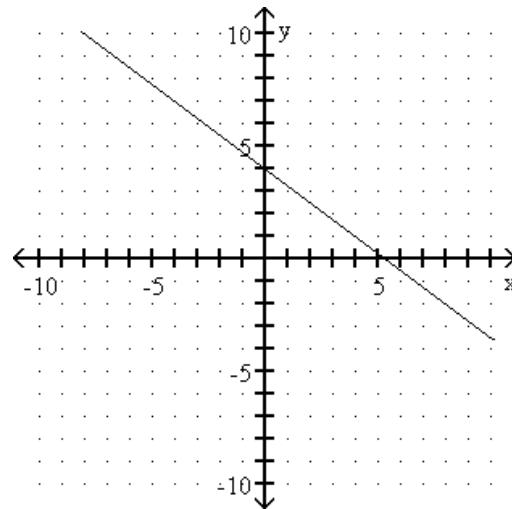
A)



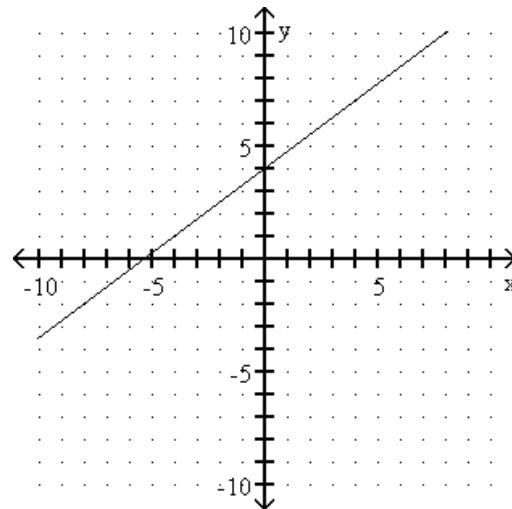
C)



B)

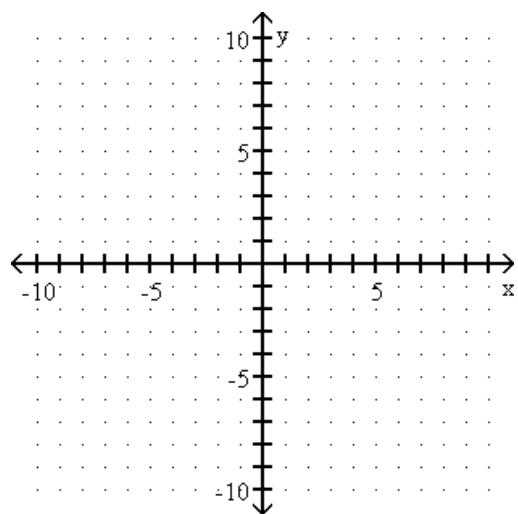


D)

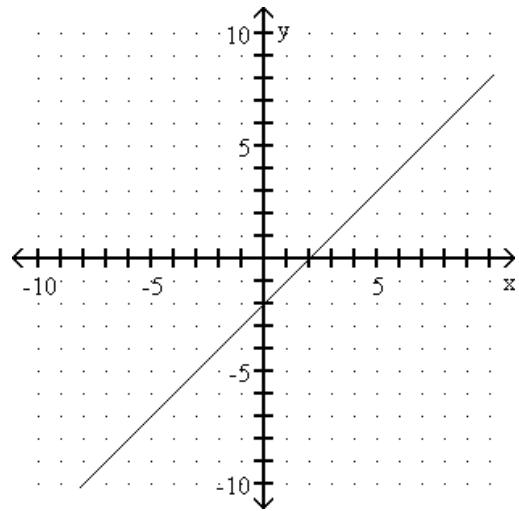


3) $x - 2y = 4$

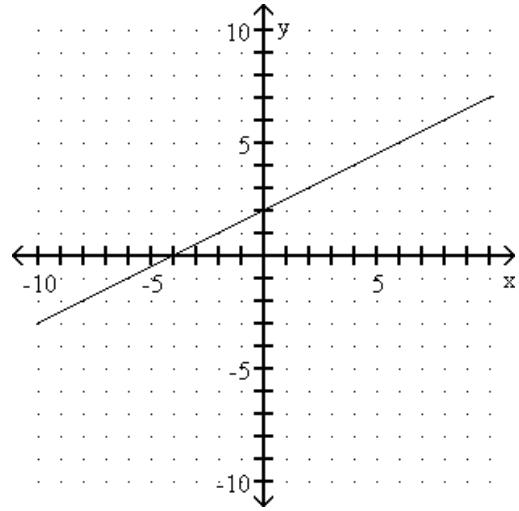
3) _____



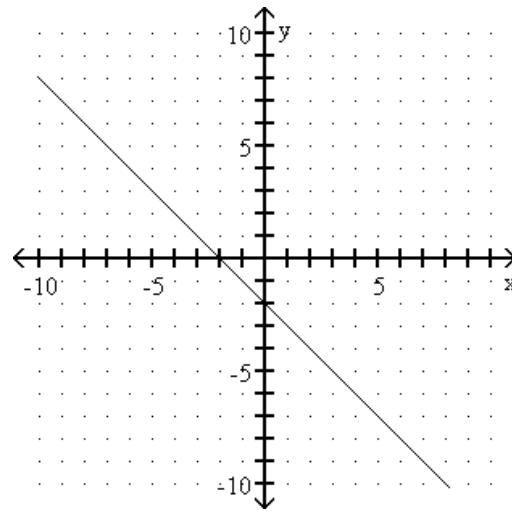
A)



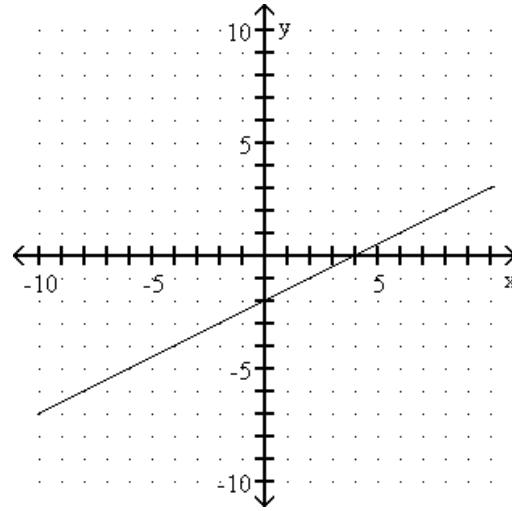
C)



B)

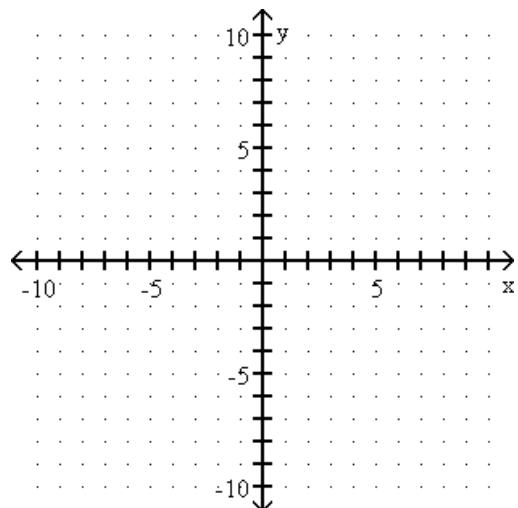


D)

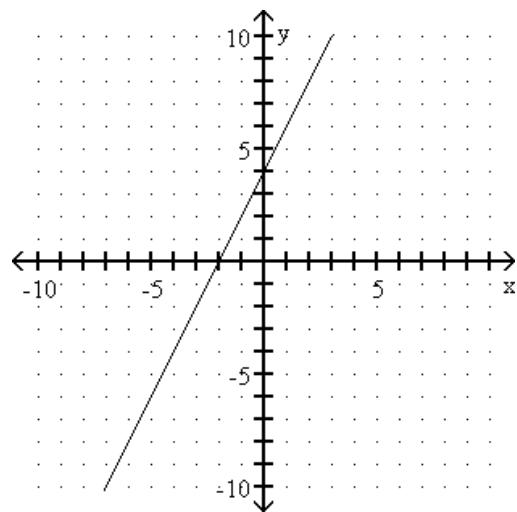


4) $2x - y = 4$

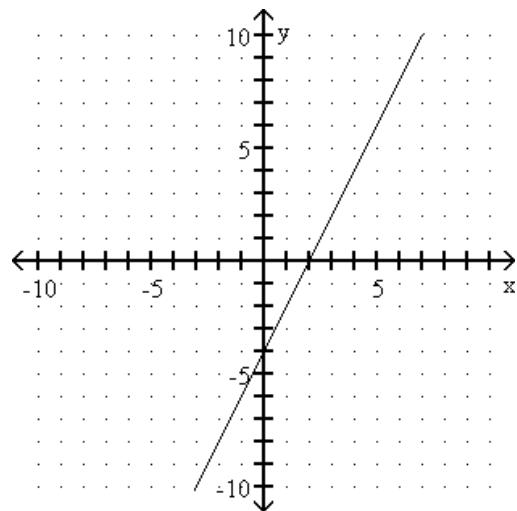
4) _____



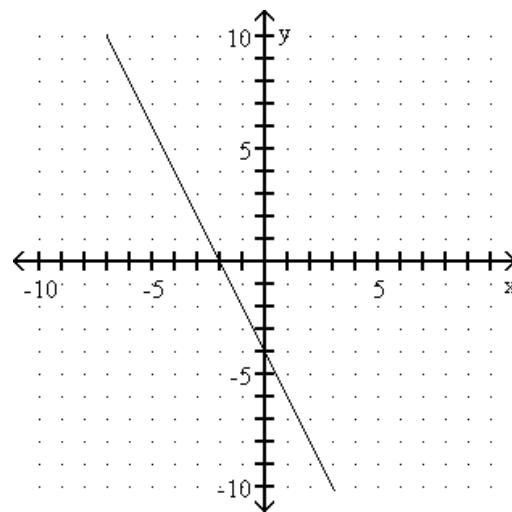
A)



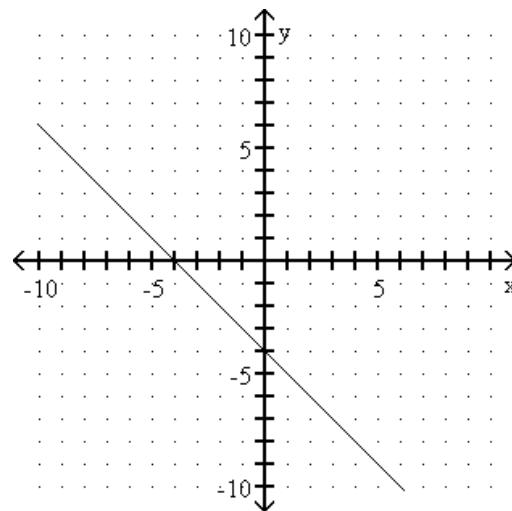
C)



B)

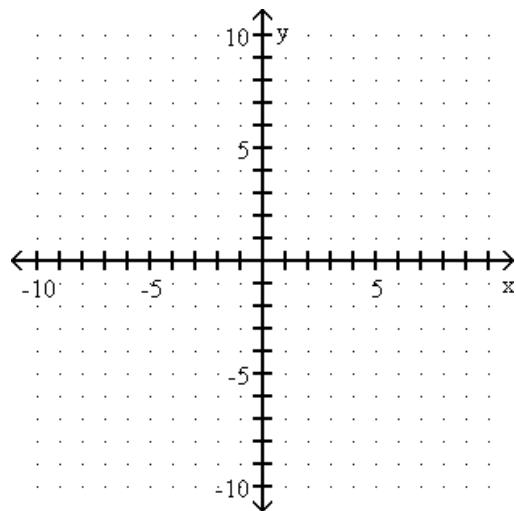


D)

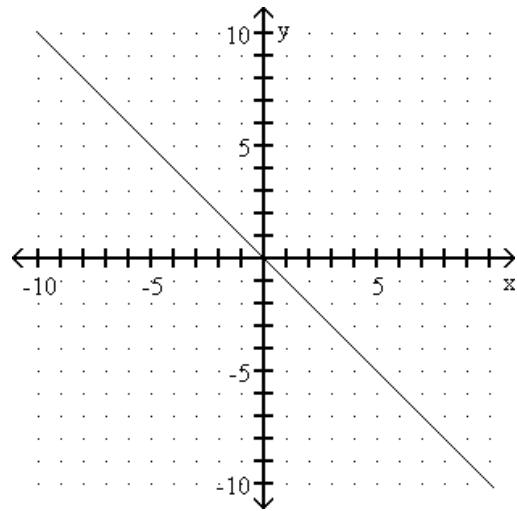


5) $x + y = 3$

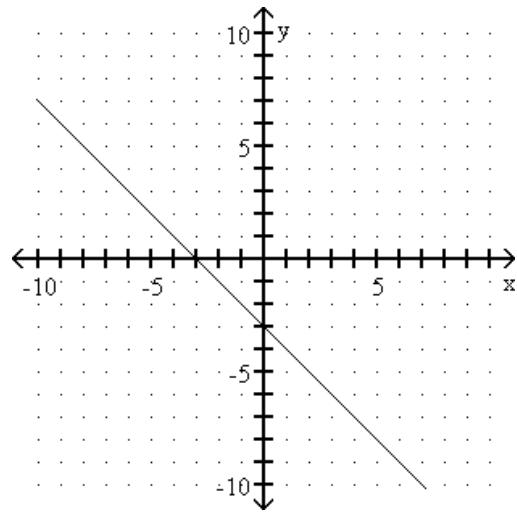
5) _____



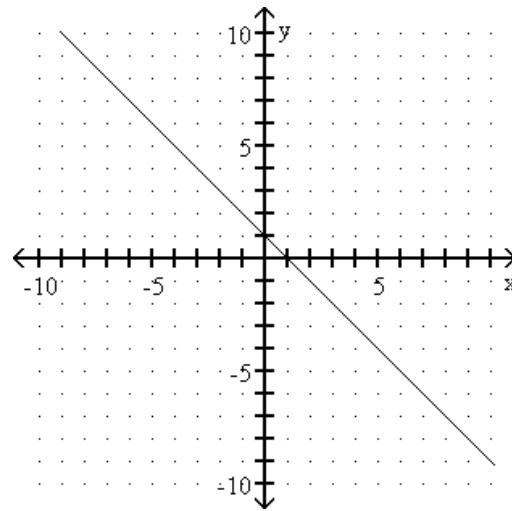
A)



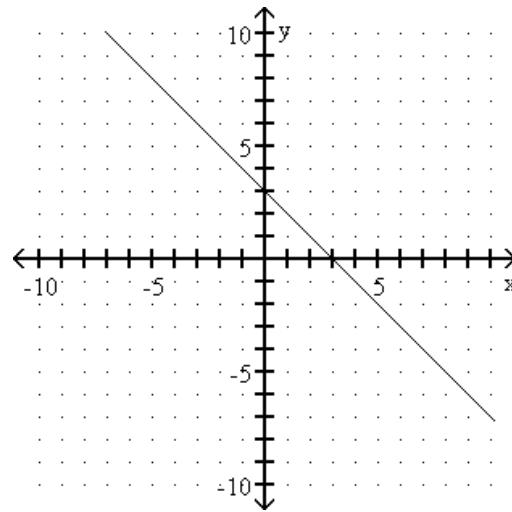
C)



B)

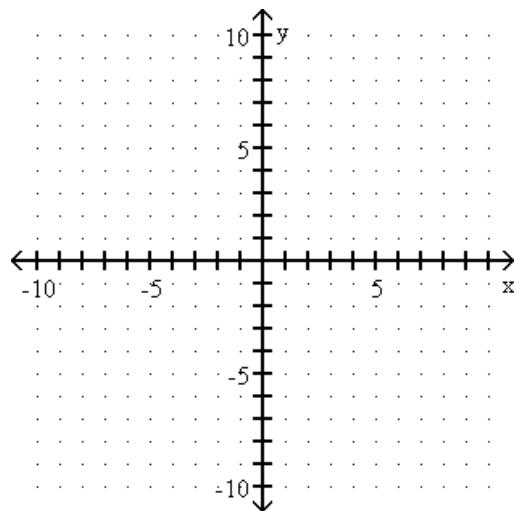


D)

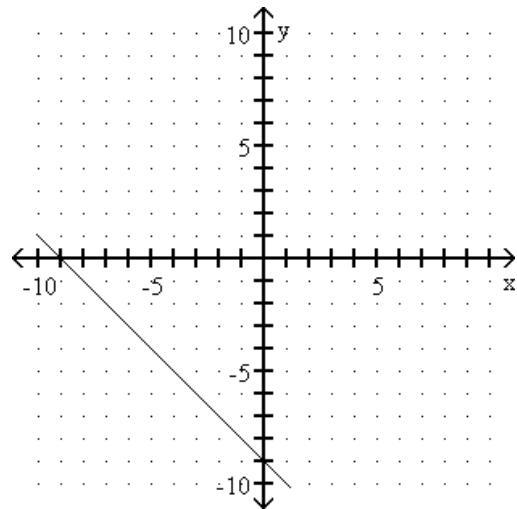


6) $x - y = 7$

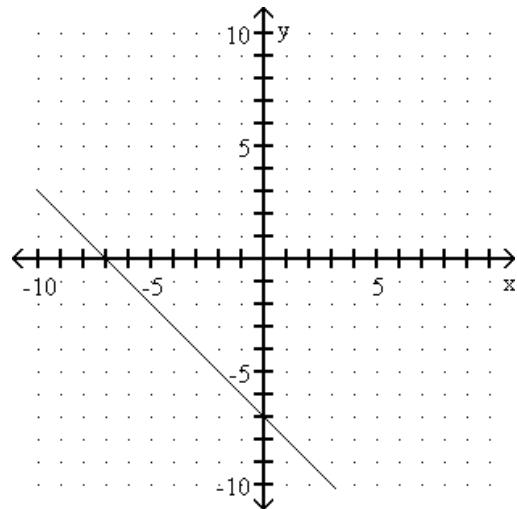
6) _____



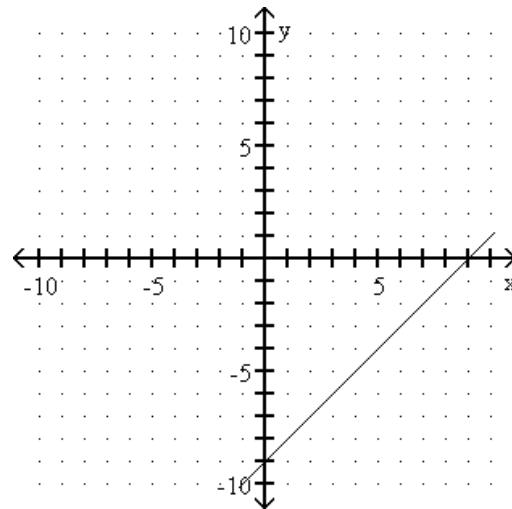
A)



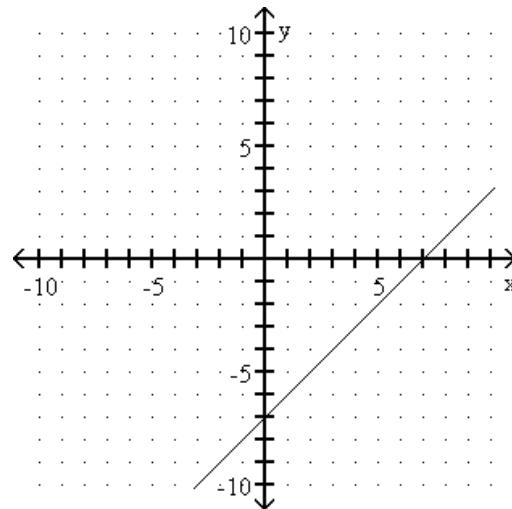
C)



B)

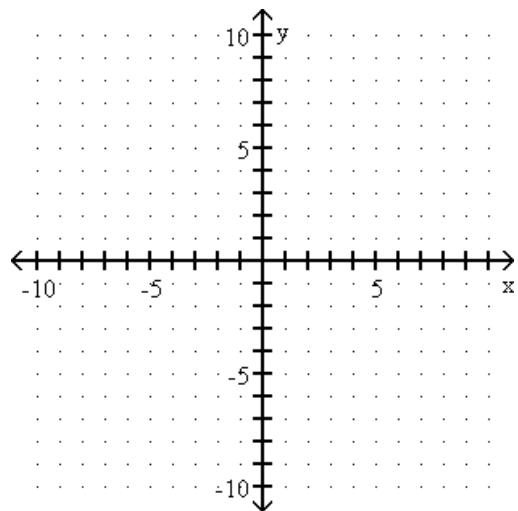


D)

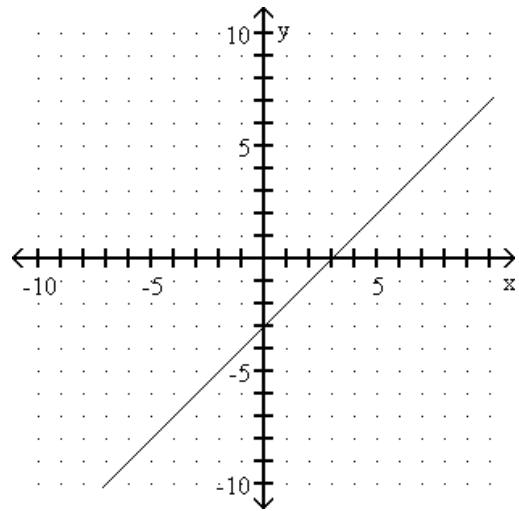


7) $3x - y = 3$

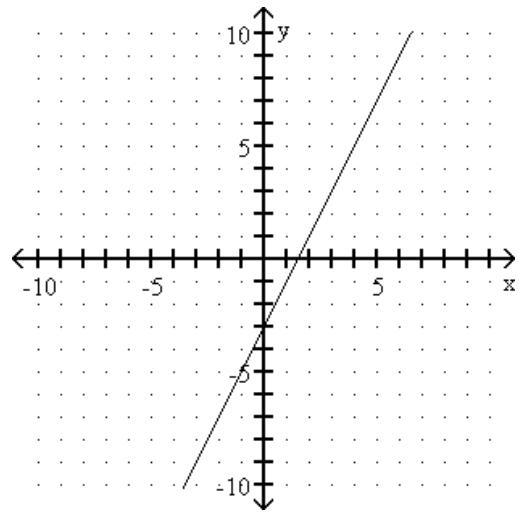
7) _____



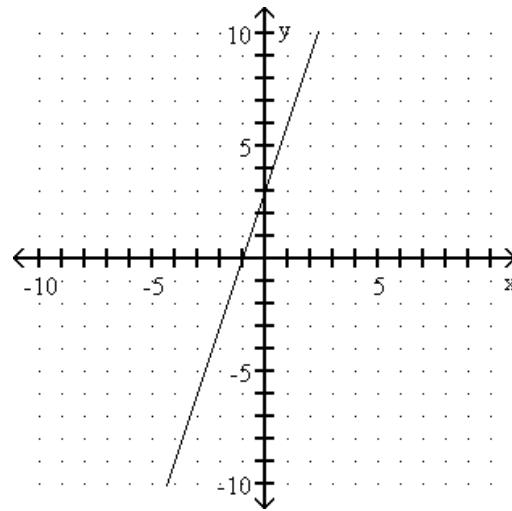
A)



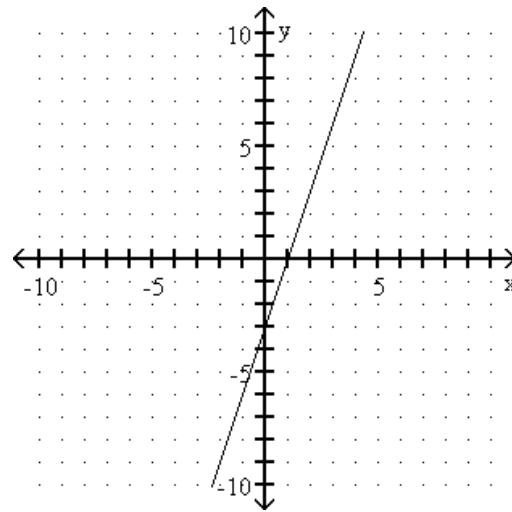
C)



B)

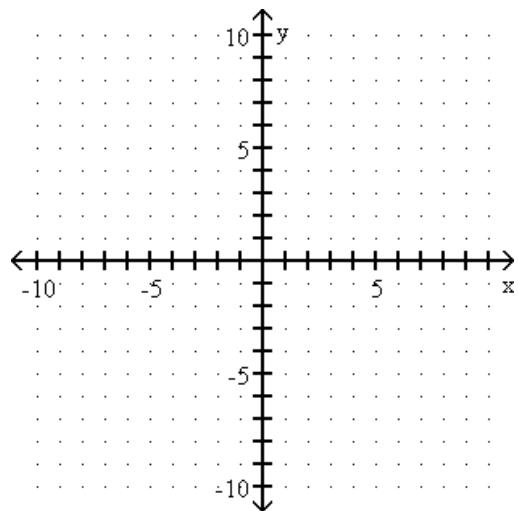


D)

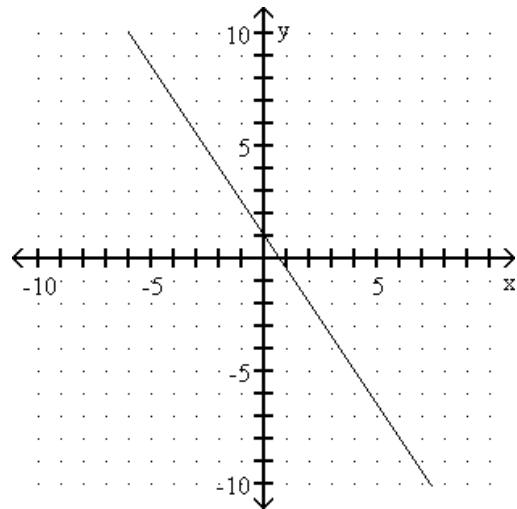


8) $2x + y = 2$

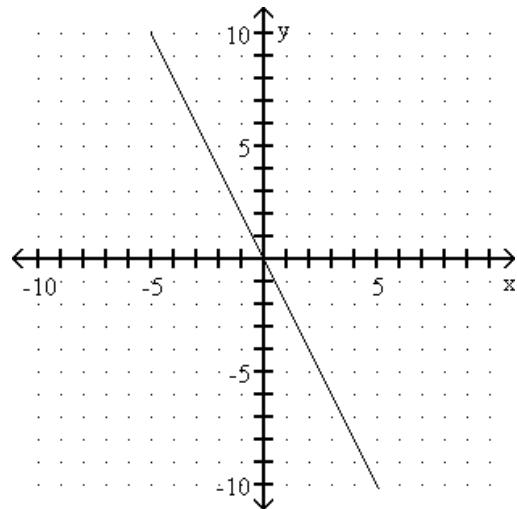
8) _____



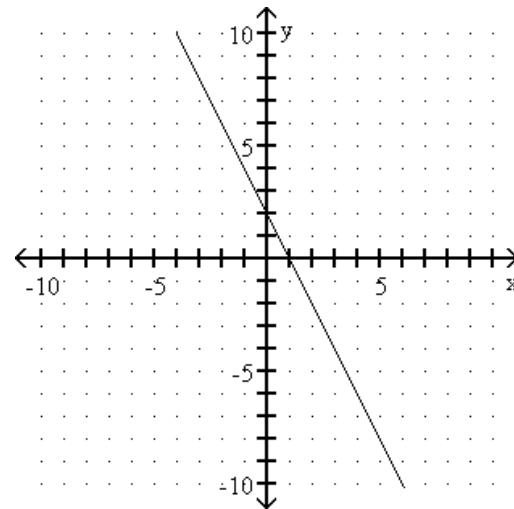
A)



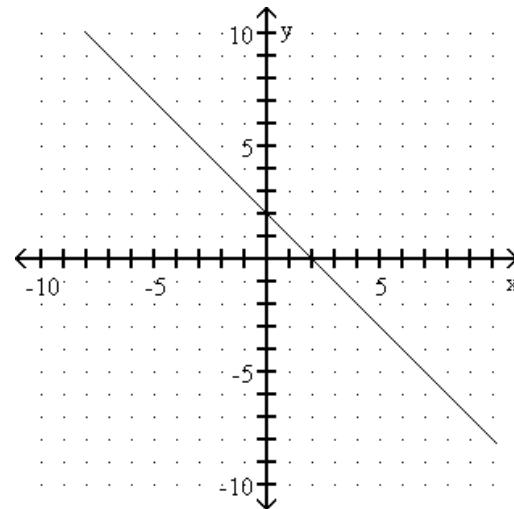
C)



B)

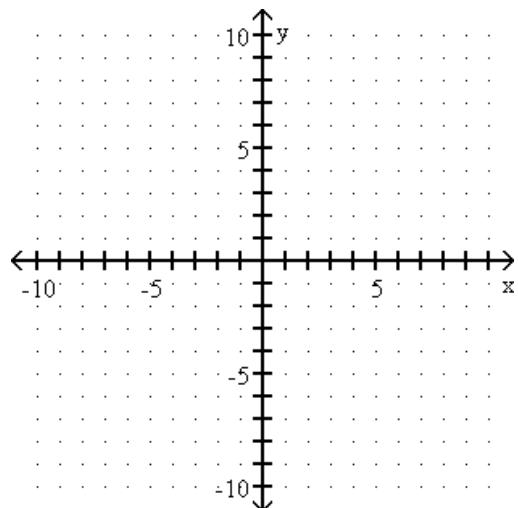


D)

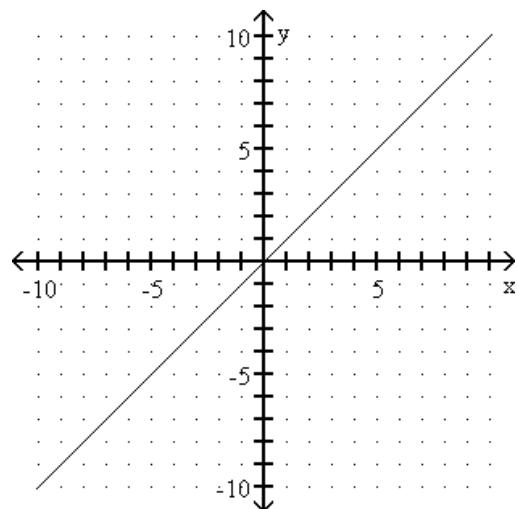


9) $x = -7$

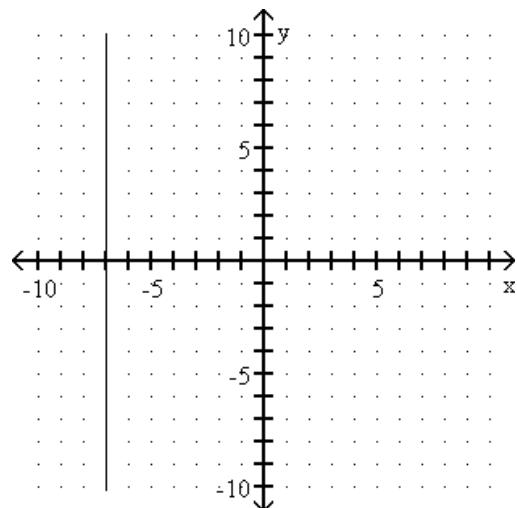
9) _____



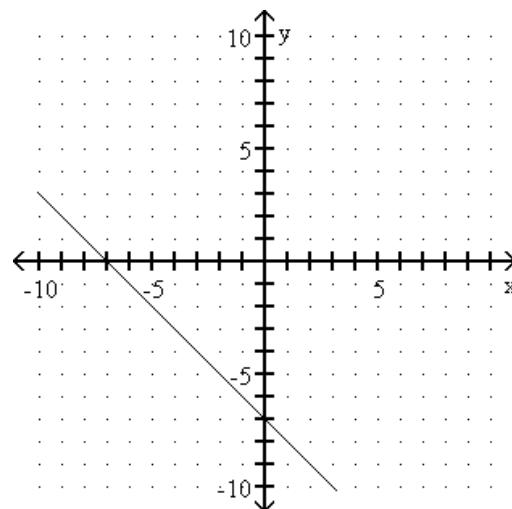
A)



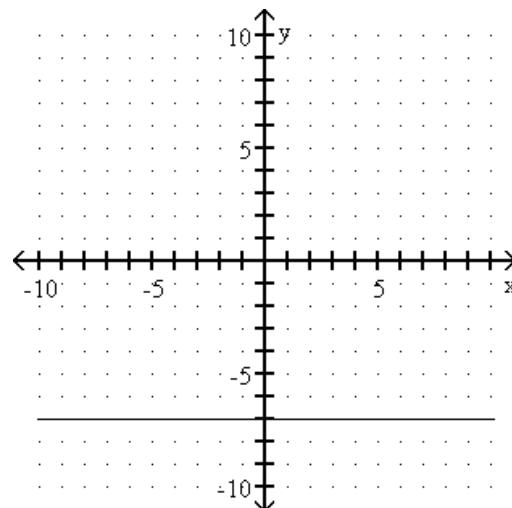
C)



B)

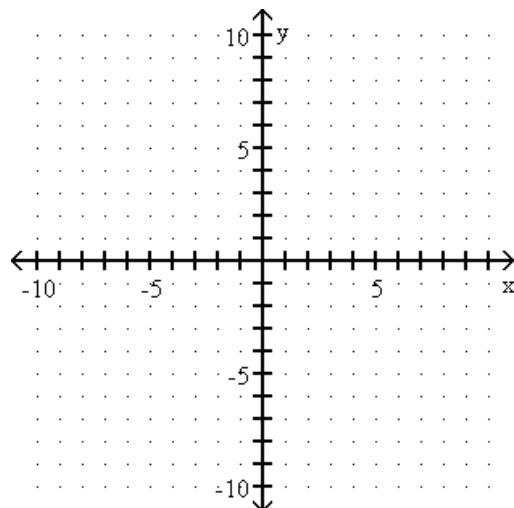


D)

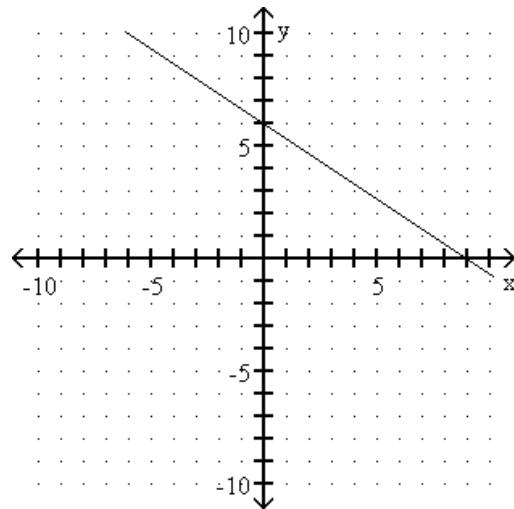


10) $2x - 3y = 18$

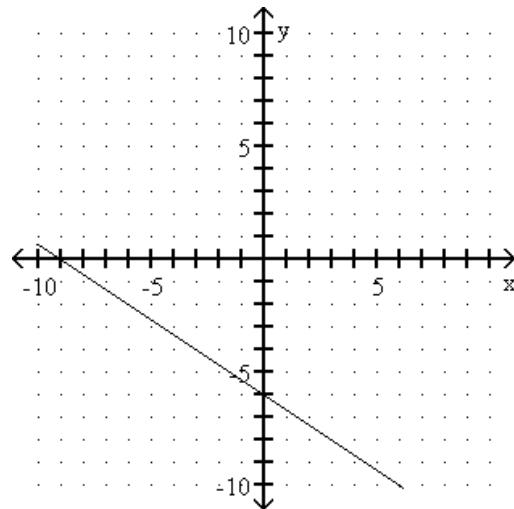
10) _____



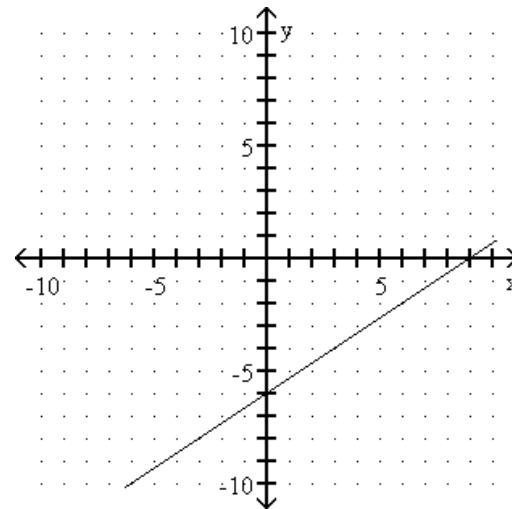
A)



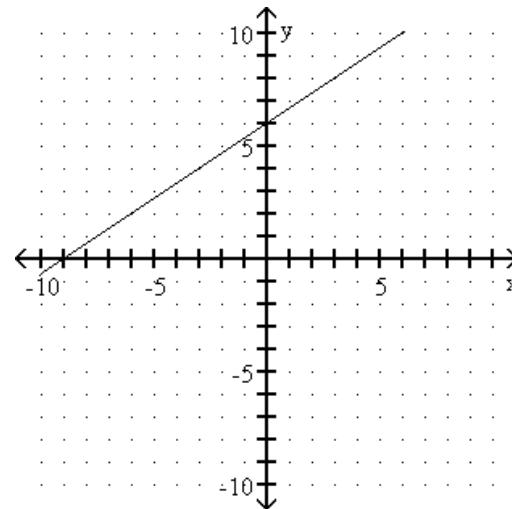
C)



B)



D)



Find the x- and y- intercepts.

11) $3x - 2y = 5$

11) _____

A) $(2, 0), (0, 7)$

B) $(-\frac{5}{2}, 0), (0, \frac{5}{3})$

C) $(\frac{5}{3}, 0), (0, \frac{5}{2})$

D) $(\frac{5}{3}, 0), (0, -\frac{5}{2})$

12) $x = 3$

12) _____

A) $(3, 0)$, no y-intercept

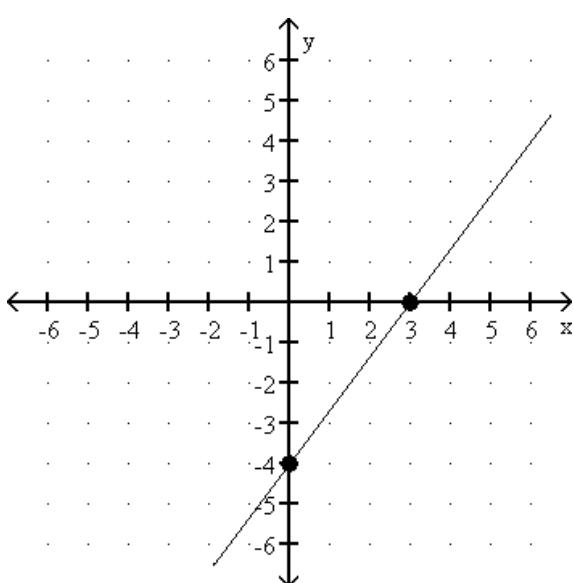
C) $(-3, 0)$, no y-intercept

B) No x-intercept, $(0, 3)$

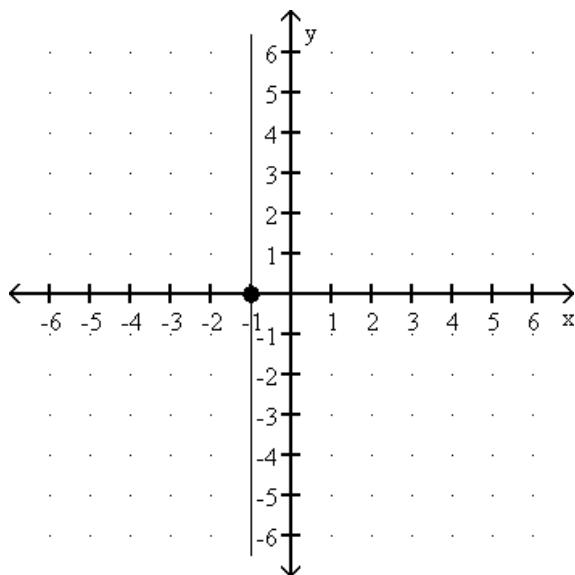
D) No x-intercept, no y-intercept

- 13) $4x + 3y = 12$ A) $(3, 0), (0, 4)$ B) $(4, 0), (0, 3)$ C) $(-3, 0), (0, -4)$ D) $(3, 0), (0, -4)$ 13) _____
- 14) $-x + \frac{2}{5}y = -6$ A) $(6, 0.5), (0, -15)$ B) $(15, 0), (0, -6)$ C) $(6, 0), (0, -15)$ D) $(-6, 0), (0, -15)$ 14) _____
- 15) $y = 3x$ A) $(3, 0), (0, 3)$ B) $(3, 0), (0, 0)$ C) $(0, 0), (0, 3)$ D) $(0, 0), (0, 0)$ 15) _____
- 16) $y = \frac{2}{3}x - 16$ A) $(-24, 0), (0, 16)$ B) $(16, 0), (0, -16)$ C) $(24, 0), (0, 16)$ D) $(24, 0), (0, -16)$ 16) _____
- 17) $x - y = -19$ A) $(-19, 0), (0, -19)$ B) $(19, 0), (0, 19)$ C) $(-19, 0), (0, 19)$ D) $(19, 0), (0, -19)$ 17) _____
- 18) $y = -4$ A) No x-intercept, no y-intercept B) No x-intercept, $(0, -4)$ C) $(-4, 0)$, no y-intercept D) No x-intercept, $(0, 4)$ 18) _____
- 19) $\frac{5}{6}x + y = 5$ A) $(5, 0), (0, 6)$ B) $(0, 0), (0, 5)$ C) $(6, 0), (1, 5)$ D) $(6, 0), (0, 5)$ 19) _____

Find the x- and y-intercepts of the graph.

- 20) 
- A) $(-3, 0), (0, -4)$ B) $(-4, 0), (0, 3)$ C) $(3, 0), (0, -4)$ D) $(3, 0), (0, 4)$ 20) _____

21)

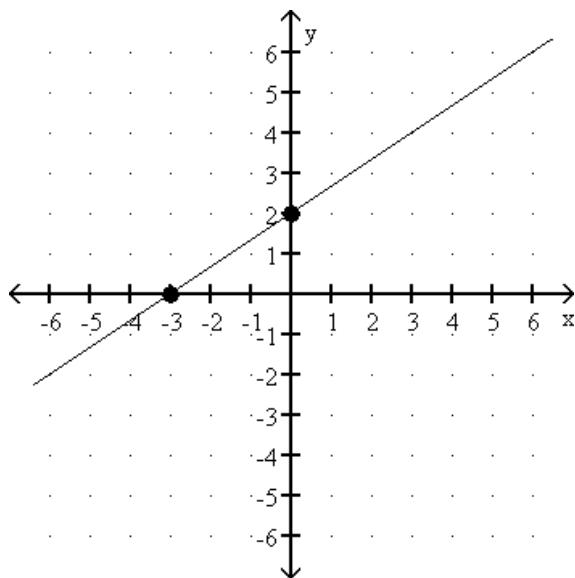


- A) $(1, 0)$, no y-intercept
 C) $(-1, 0)$, no y-intercept

- B) no x-intercept, $(0, 1)$
 D) no x-intercept, $(0, -1)$

21) _____

22)

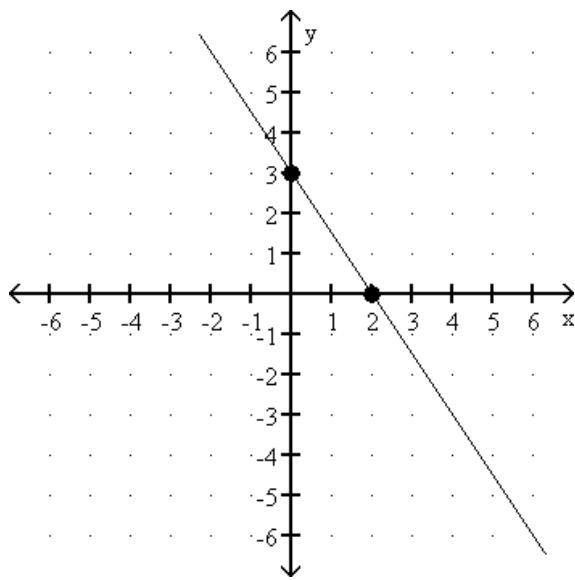


- A) $(-3, 0), (0, -2)$
 B) $(2, 0), (0, -3)$

- C) $(3, 0), (0, 2)$
 D) $(-3, 0), (0, 2)$

22) _____

23)



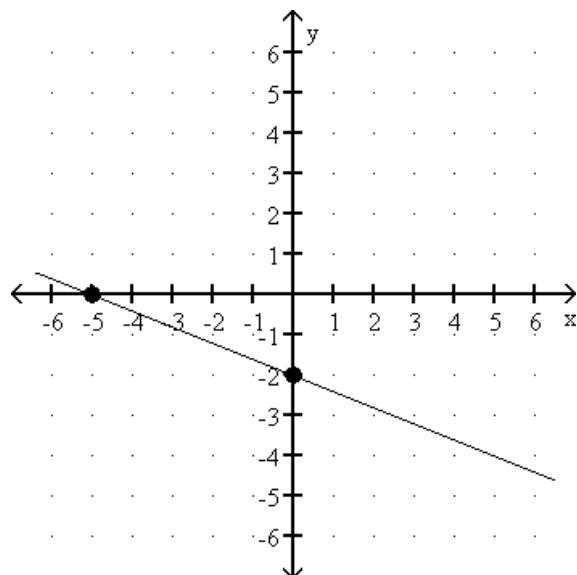
- A) $(-2, 0), (0, 3)$
 B) $(3, 0), (0, 2)$

- C) $(2, 0), (0, -3)$
 D) $(2, 0), (0, 3)$

23) _____

24)

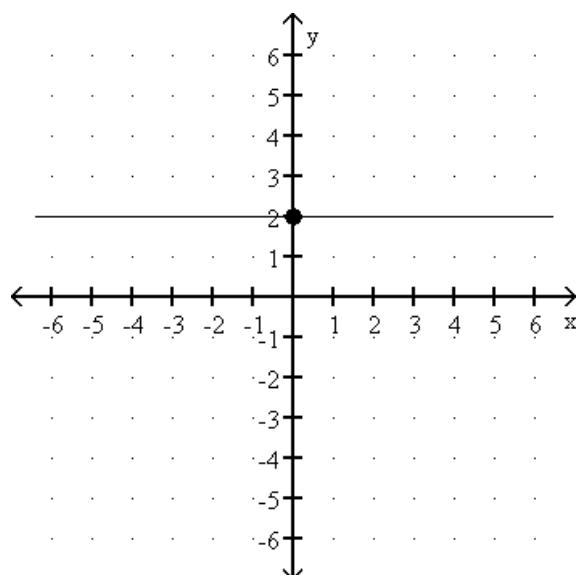
24) _____



- A) (5, 0), (0, -2)
B) (-5, 0), (0, 2)
C) (-2, 0), (0, -5)
D) (-5, 0), (0, -2)

25)

25) _____



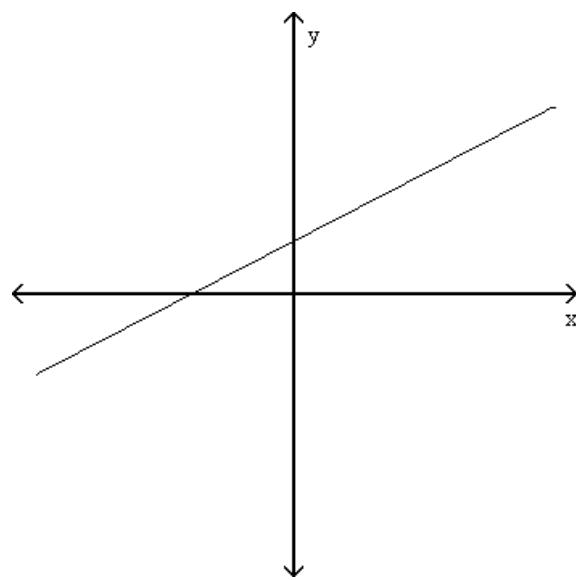
- A) no x-intercept, (0, -2)
B) no x-intercept, (0, 2)
C) (-2, 0), no y-intercept
D) (2, 0), no y-intercept

Provide an appropriate response.

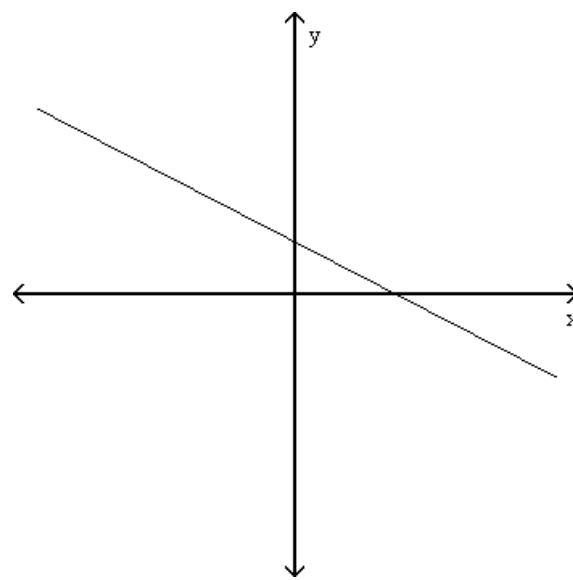
- 26) Which of the following could the graph of $-1.5x + 2.9y = 3.05$?

26) _____

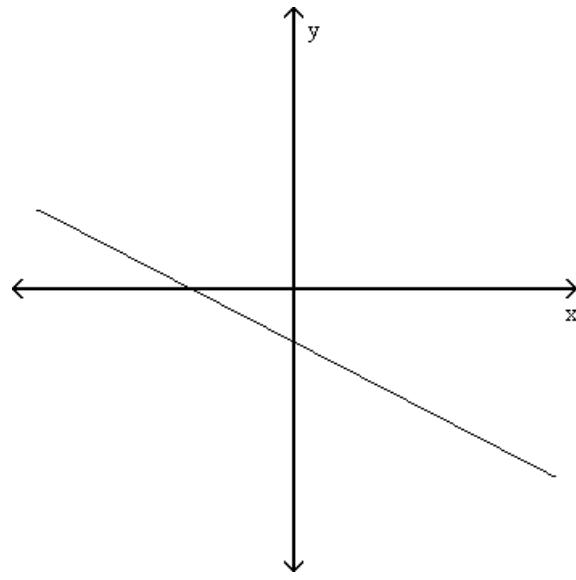
A)



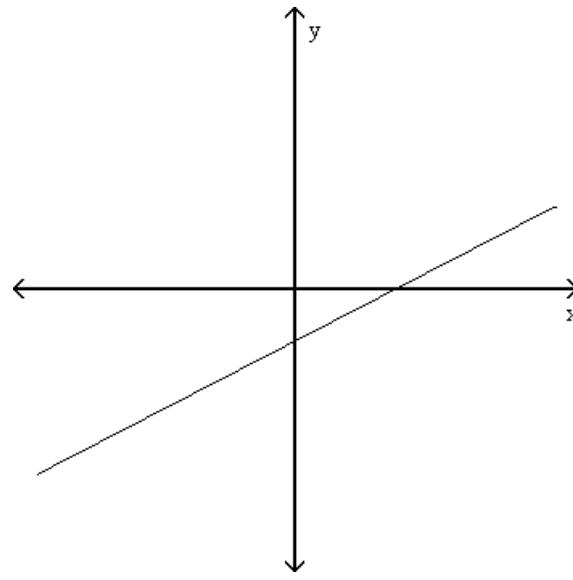
B)



C)



D)



- 27) If a circle with a diameter of 10.4 units were to be drawn in the coordinate plane with its center at the origin, what would be the coordinates of its x- and y-intercepts? 27) _____

- A) (5.2, 0), (0, 5.2)
C) (-5.2, 0), (5.2, 0), (0, -5.2), (0, 5.2)

- B) (-10.4, 0), (10.4, 0), (0, -10.4), (0, 10.4)
D) (10.4, 0), (0, 10.4)

Answer Key

Testname: 4.3.28 GRAPHING USING X-Y INTERECEPTS 2

- 1) B
- 2) B
- 3) D
- 4) C
- 5) D
- 6) D
- 7) D
- 8) B
- 9) C
- 10) B
- 11) D
- 12) A
- 13) A
- 14) C
- 15) D
- 16) D
- 17) C
- 18) B
- 19) D
- 20) C
- 21) C
- 22) D
- 23) D
- 24) D
- 25) B
- 26) A
- 27) C