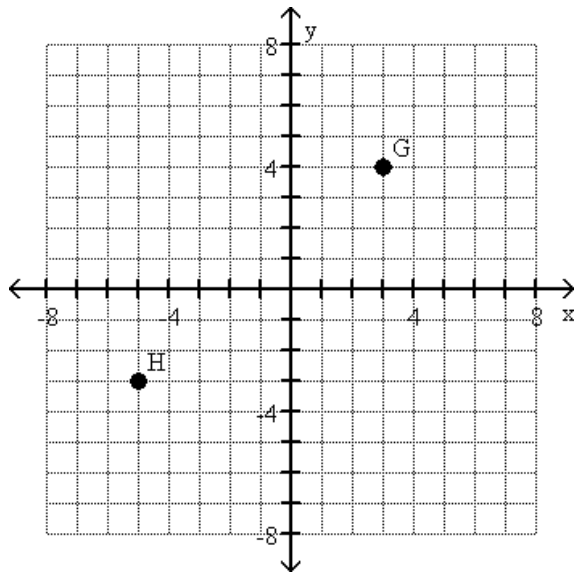
MULTIPLE CHOICE. Choose the one alternative that best completes the statement or answers the question.

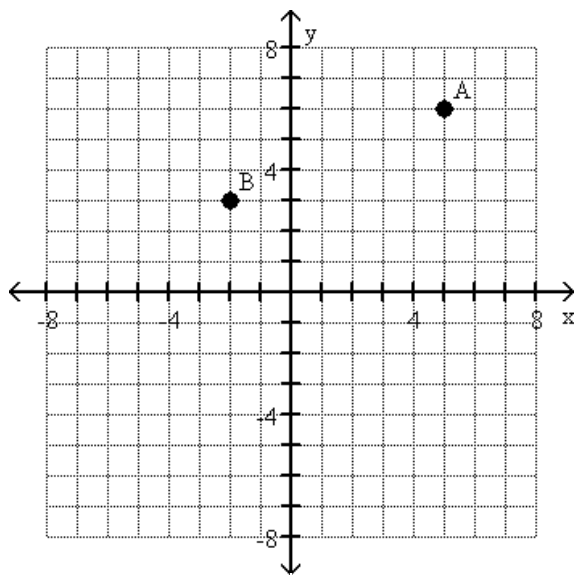
Write the coordinates for each point.

1) 1) _____



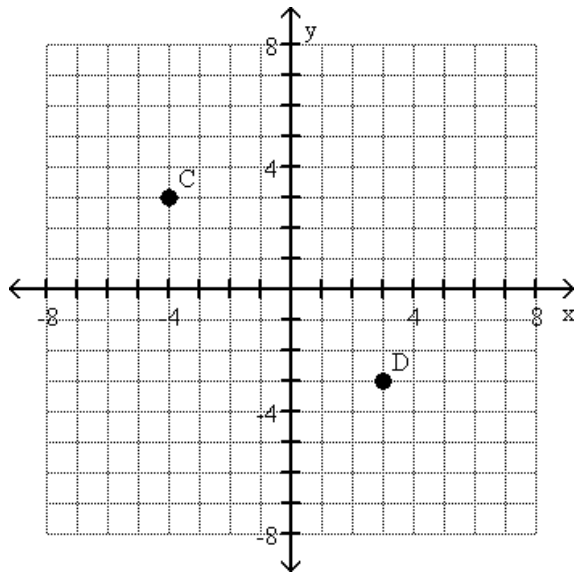
A) G(3, -3); H(4, -3)
B) G(3, 4); H(-5, -3)
C) G(4, 22); H(-3, -5)
D) G(3, 4); H(-3, -5)

2) 2) _____



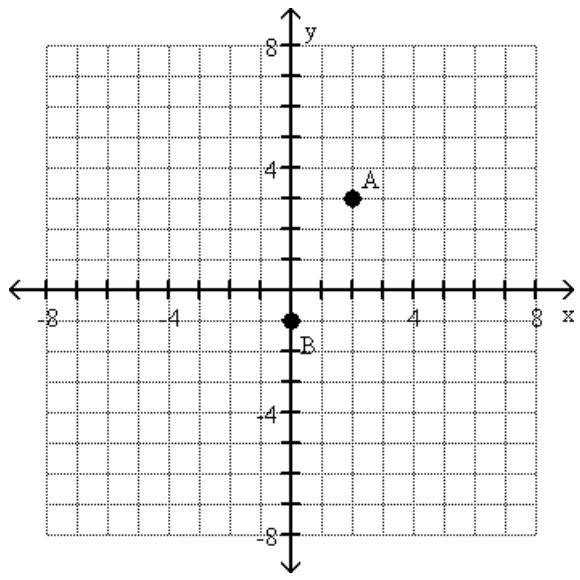
A) A(5, 6); B(-2, 3)
B) A(5, 6); B(3, -2)
C) A(6, 26); B(3, -2)
D) A(5, 3); B(6, 3)

3) 3) _____



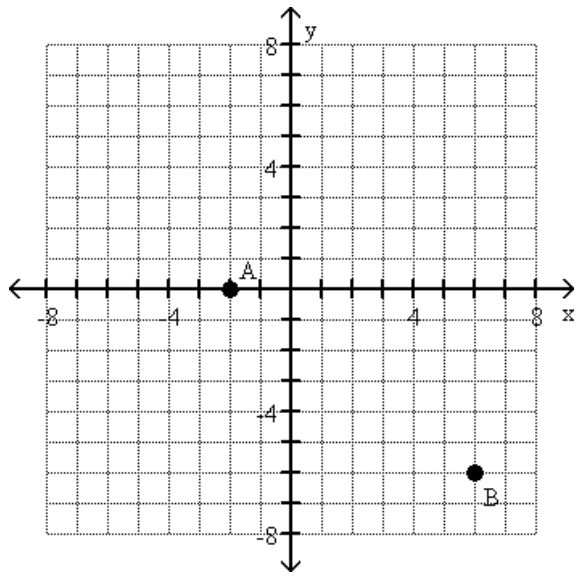
A) C(-4, -3); D(3, -3)
B) C(-4, 3); D(-3, 3)
C) C(3, 8); D(-3, 3)
D) C(-4, 3); D(3, -3)

4) 4) _____



A) A(2, 3); B(0, -1)
B) A(-2, 3); B(0, 1)
C) A(2, -3); B(1, -1)
D) A(2, 3); B(0, 1)

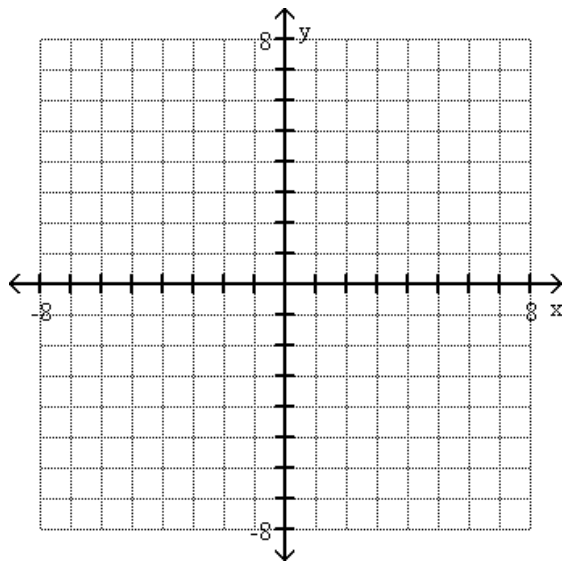
5) 5) _____



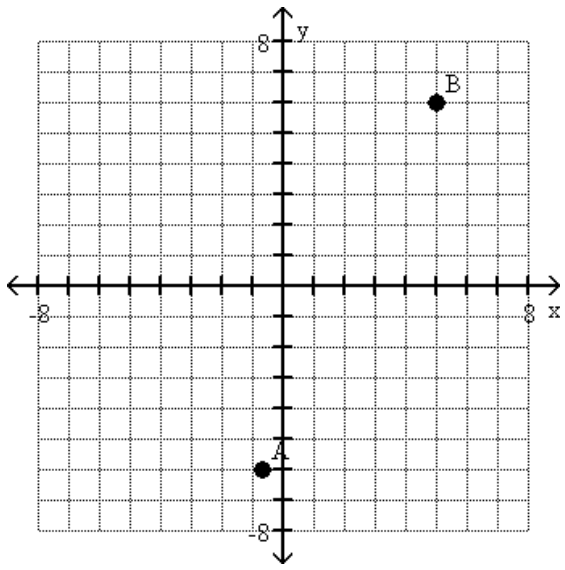
A) A(-2, 0); B(6, -6)
B) A(2, 0); B(6, -6)
C) A(-2, 2); B(6, -6)
D) A(-2, 0); B(-6, -6)

Plot and label the points indicated by the coordinate pairs.

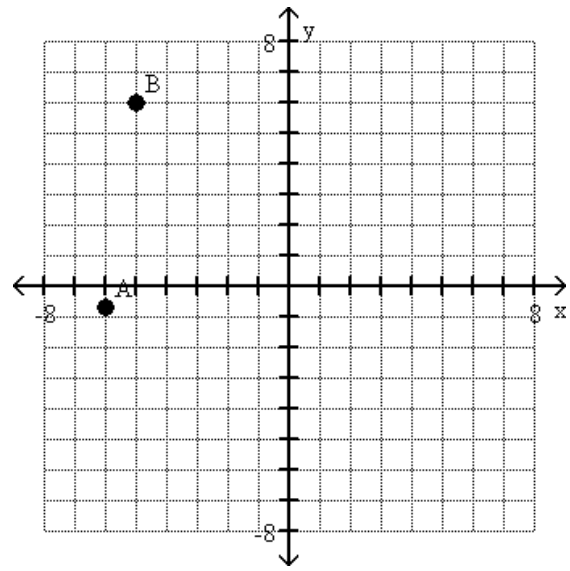
6) A$(-\frac{2}{3}, -6)$, B$(-5, 6)$ 6) _____



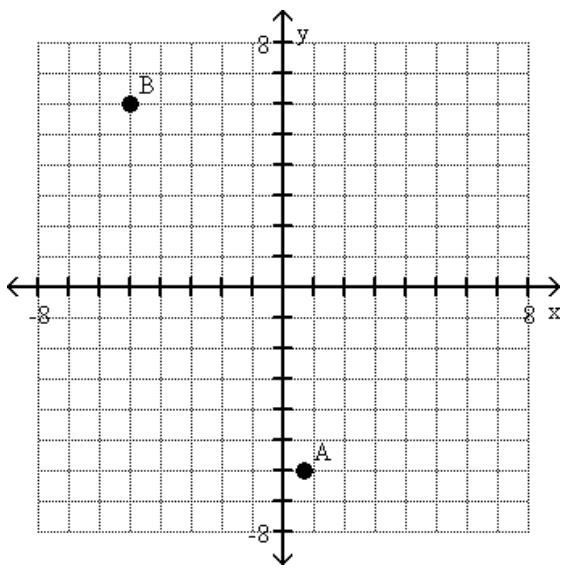
A)



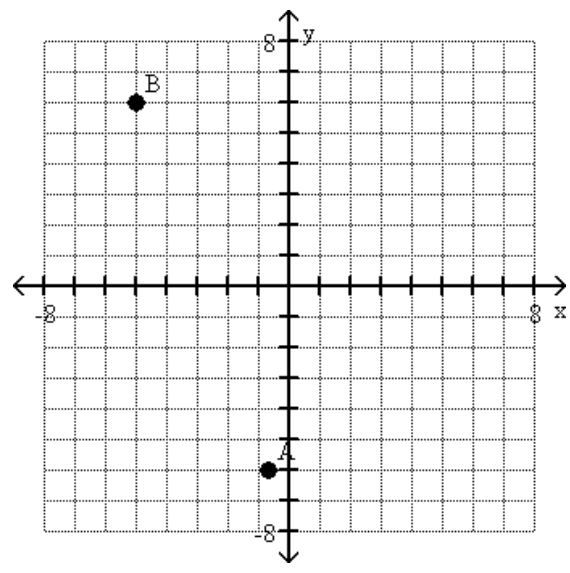
B)



C)

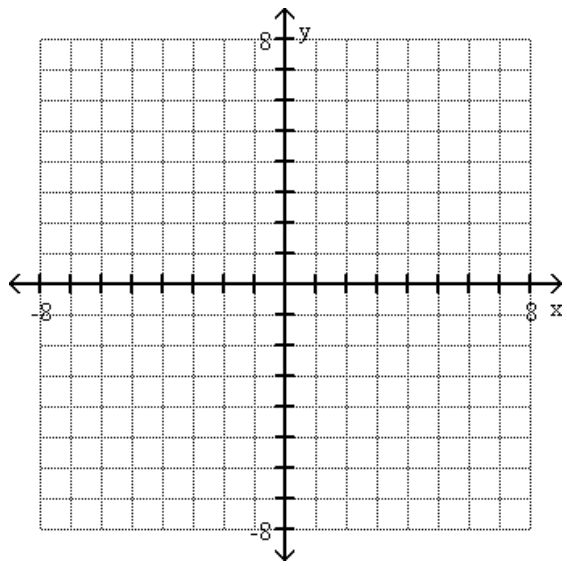


D)

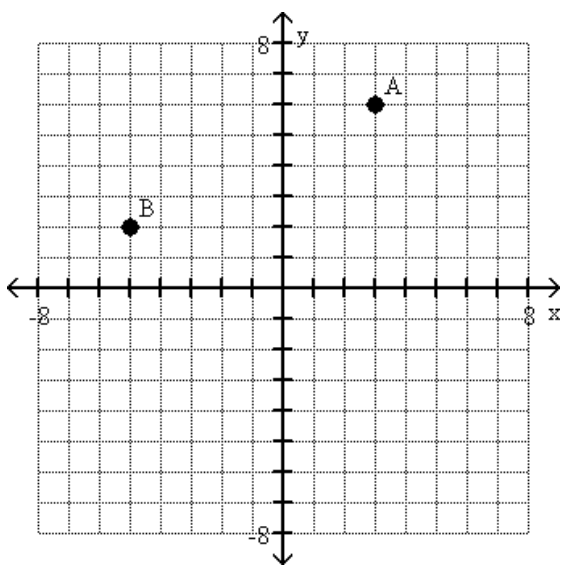


7) A(3, 6), B(-5, 2)

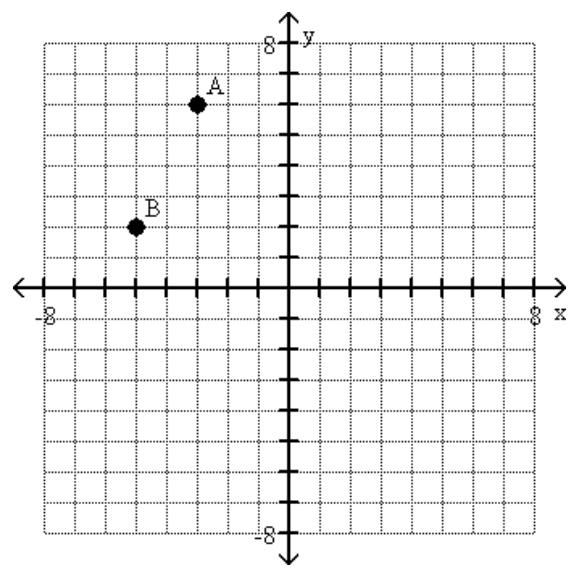
7) _____



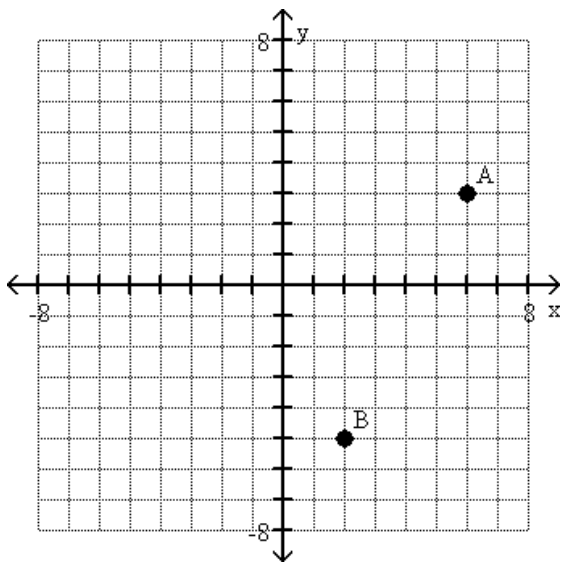
A)



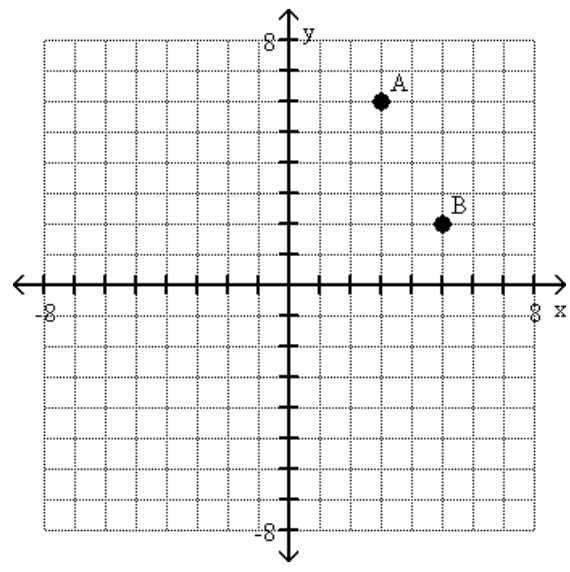
B)



C)

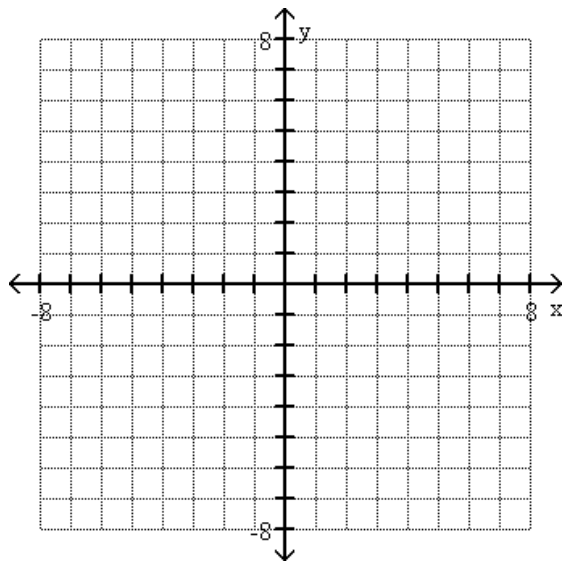


D)

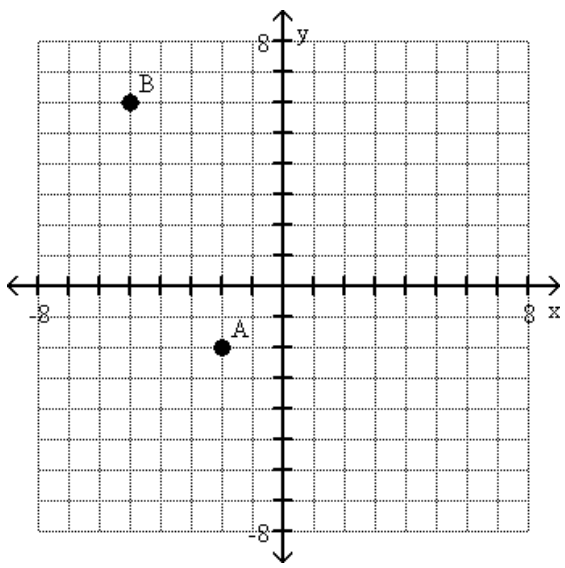


8) A(-2, -2), B(-5, 6)

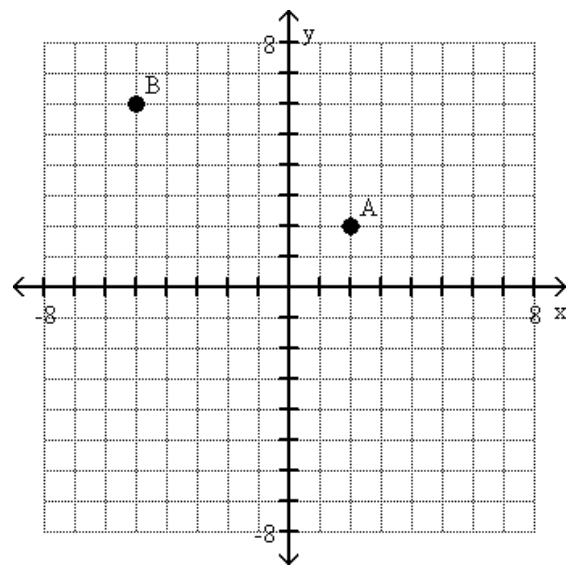
8) _____



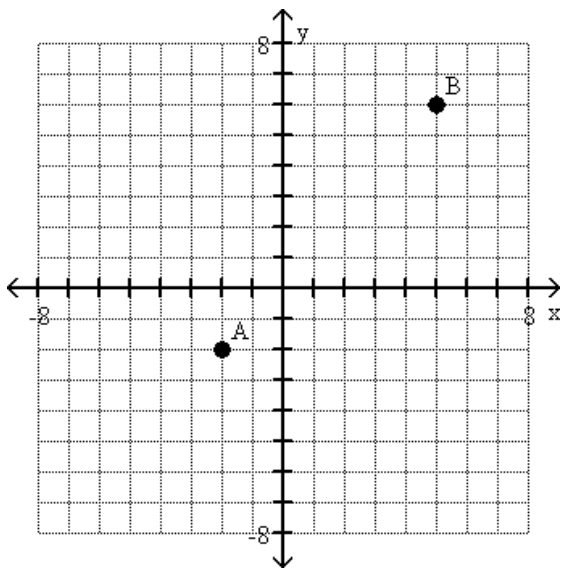
A)



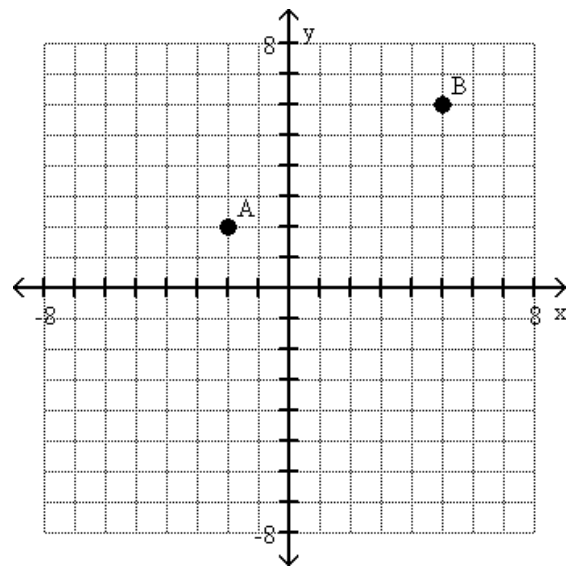
B)



C)

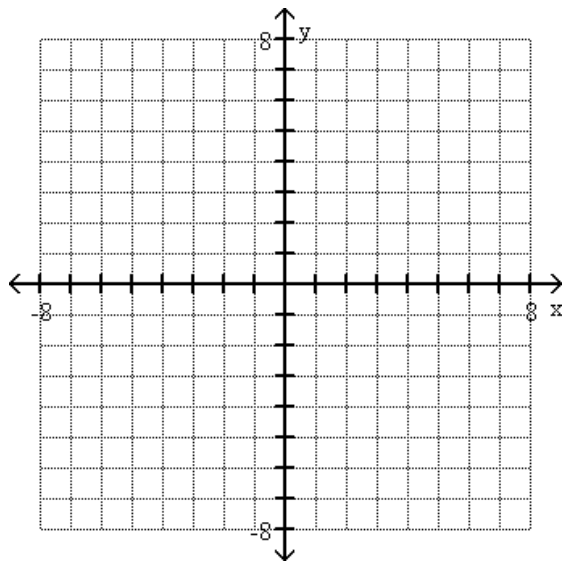


D)

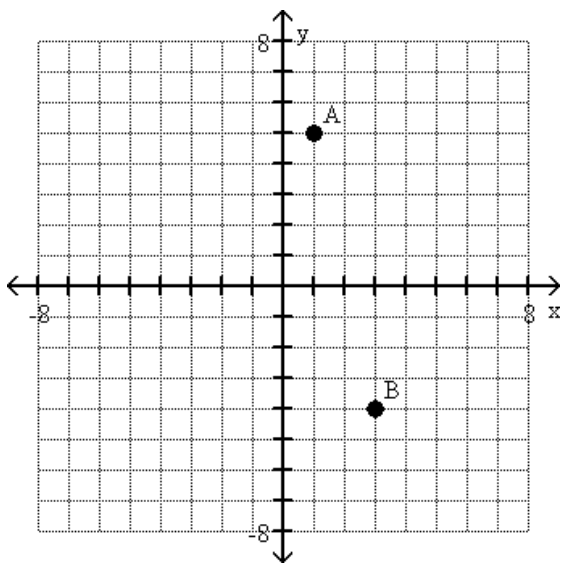


9) A(1, 5), B(3, -4)

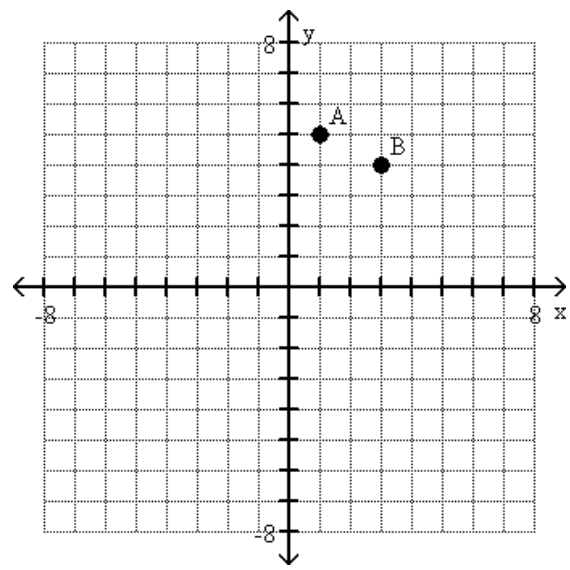
9) _____



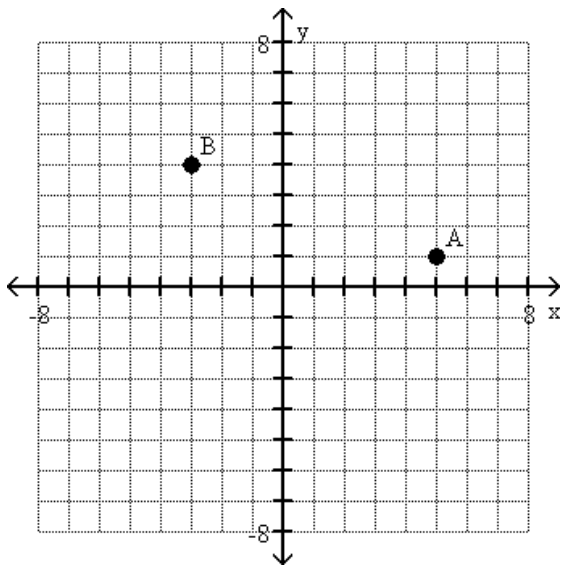
A)



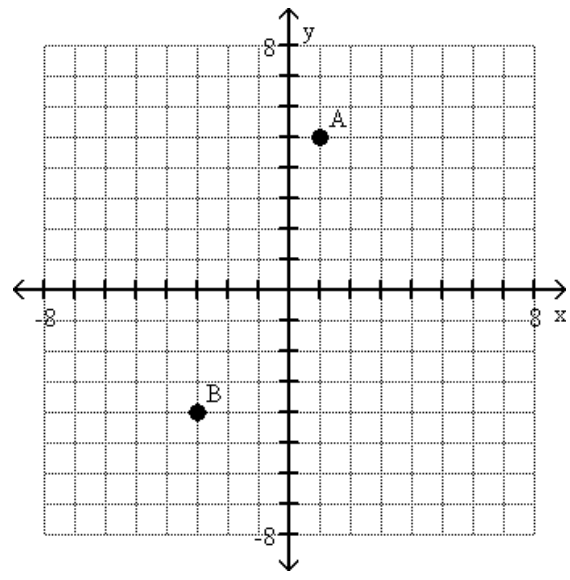
B)



C)

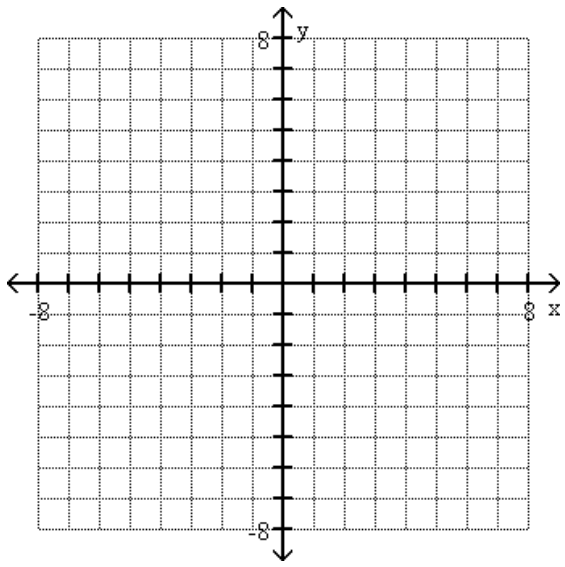


D)

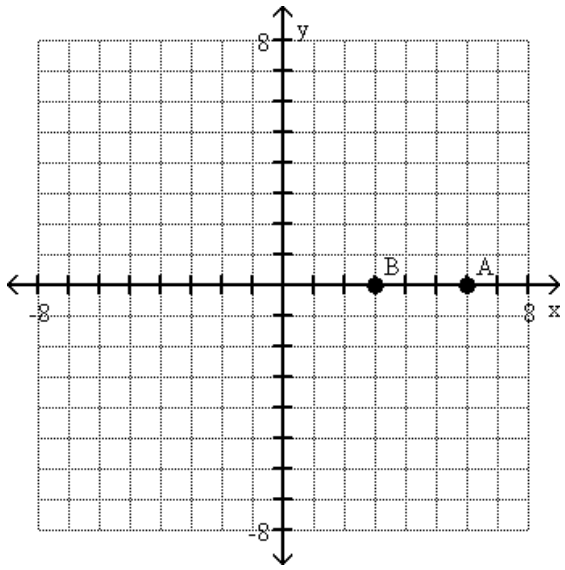


10) A (6, 0), B (0, 3)

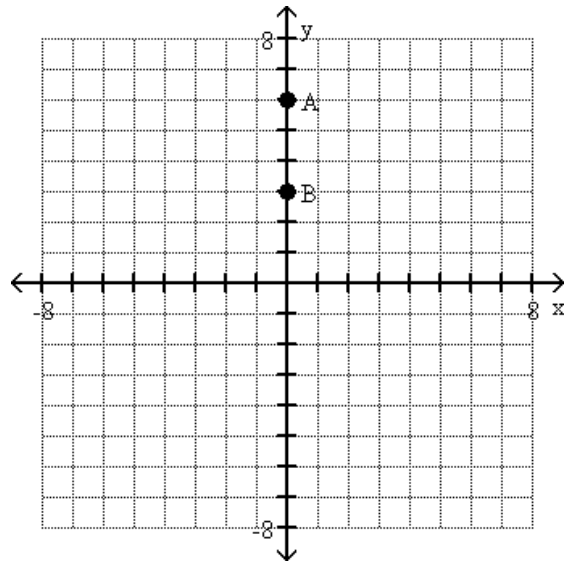
10) _____



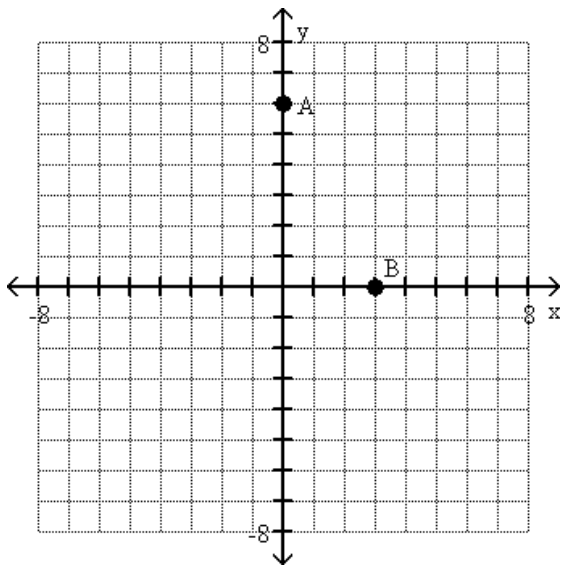
A)



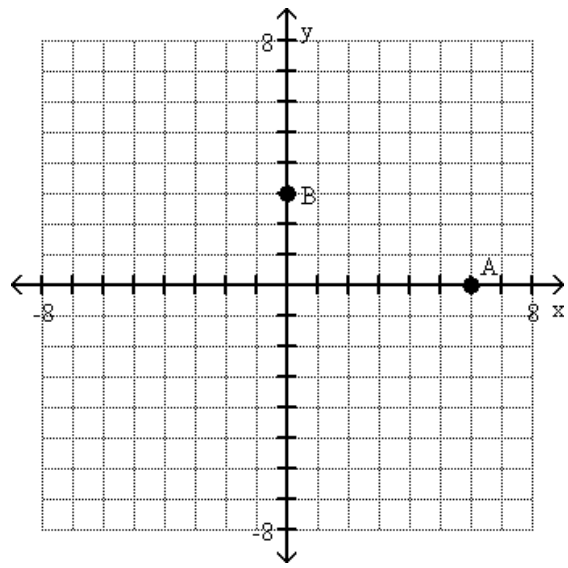
B)



C)

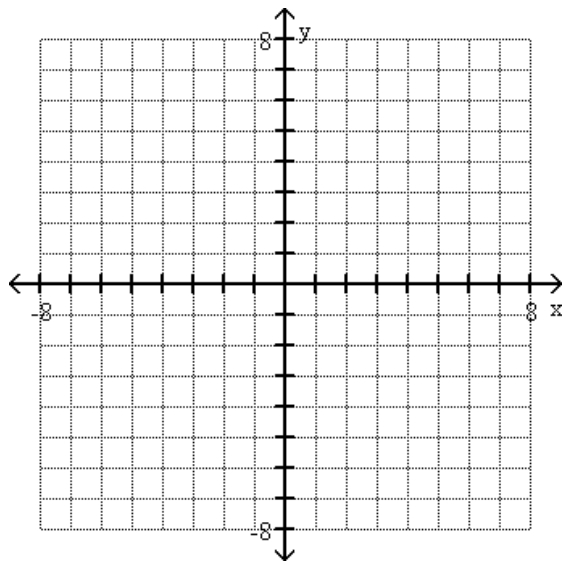


D)

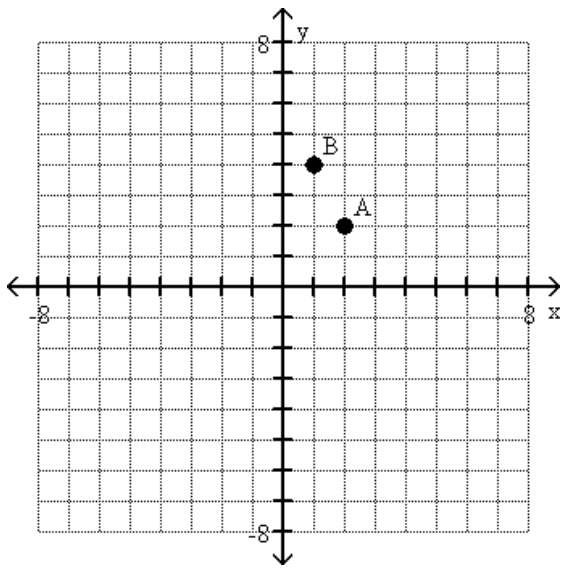


11) A(2, 2), B(-1, -4)

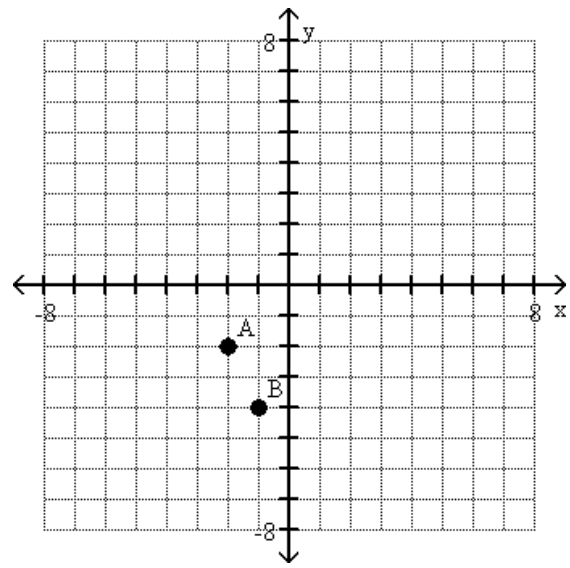
11) _____



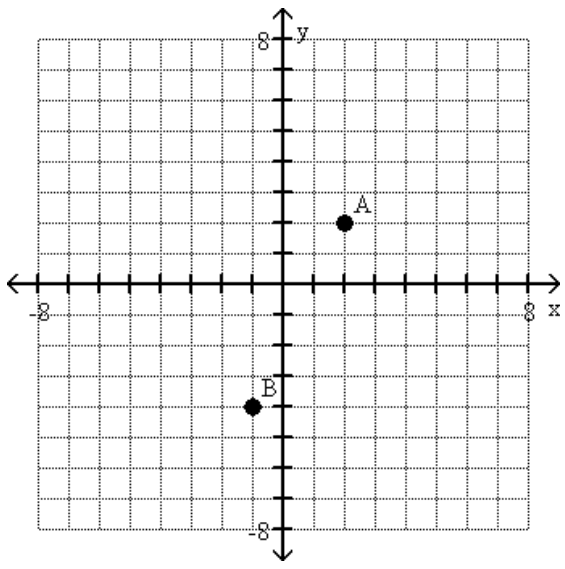
A)



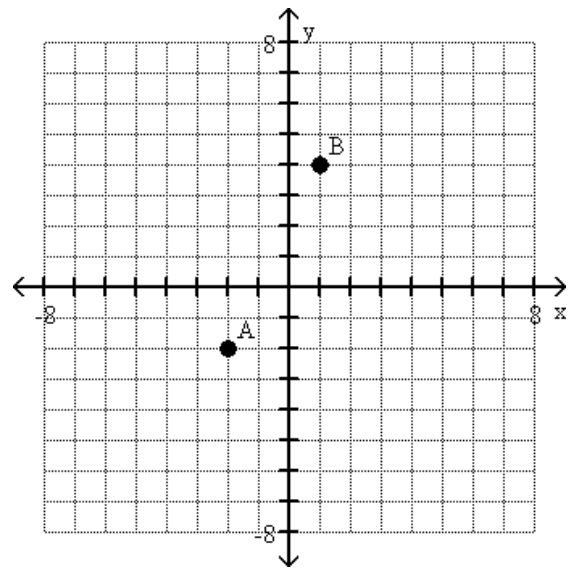
B)



C)

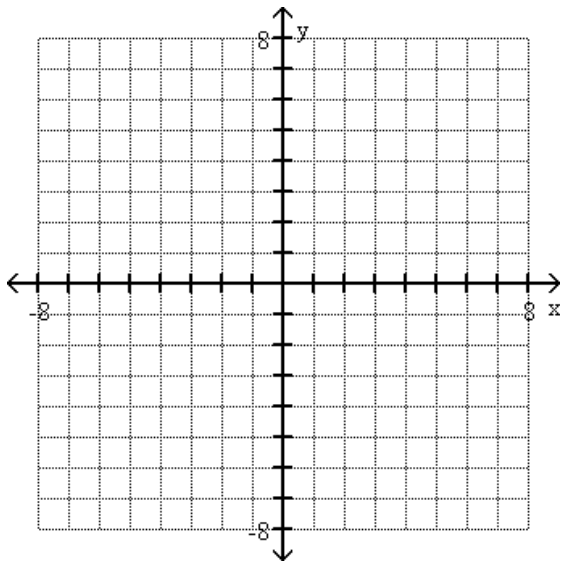


D)

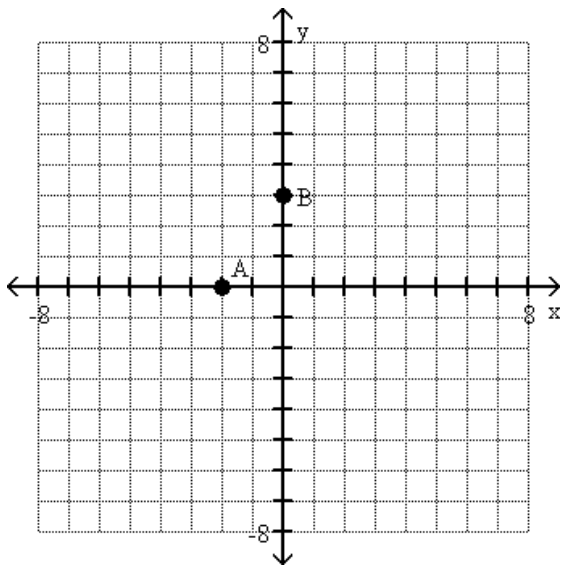


12) A(0, -2), B (3, 0)

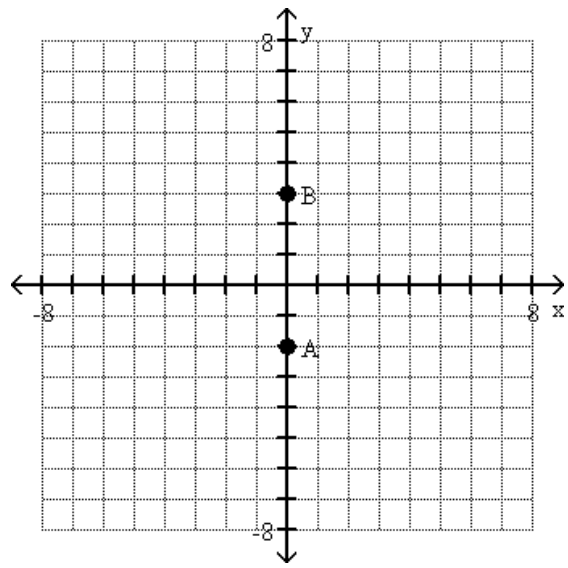
12) _____



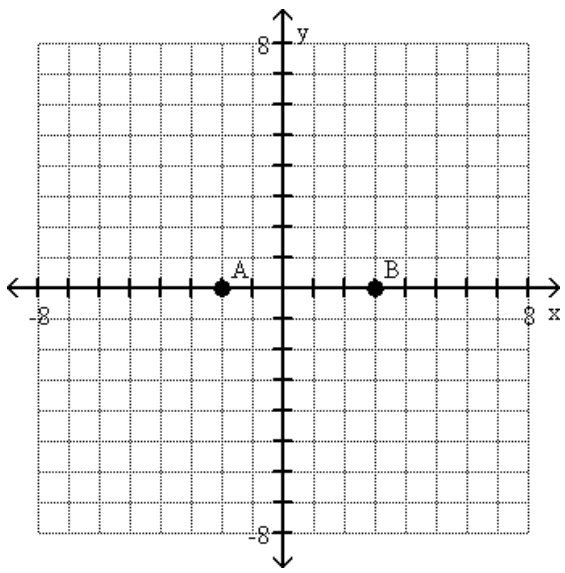
A)



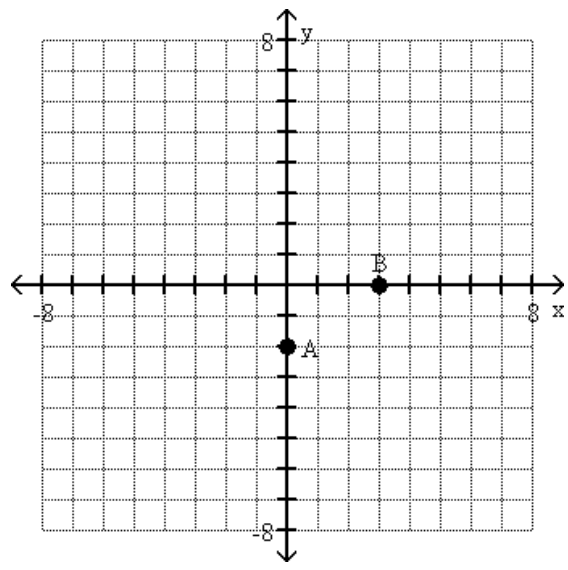
B)



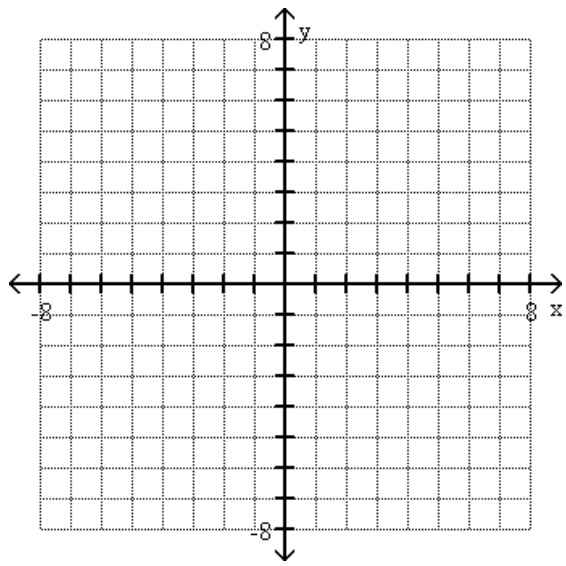
C)



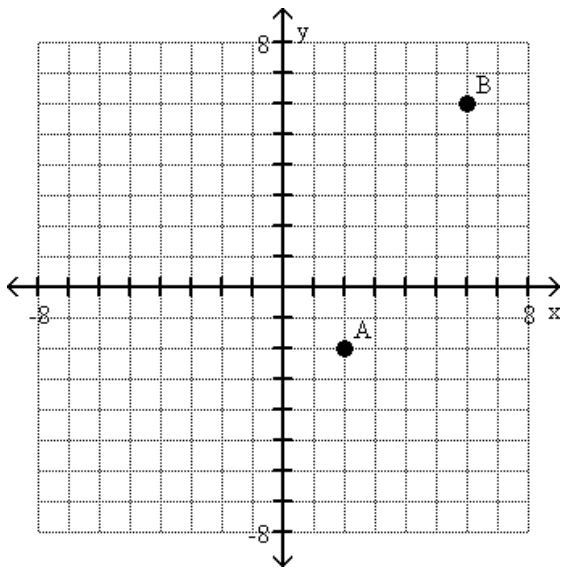
D)



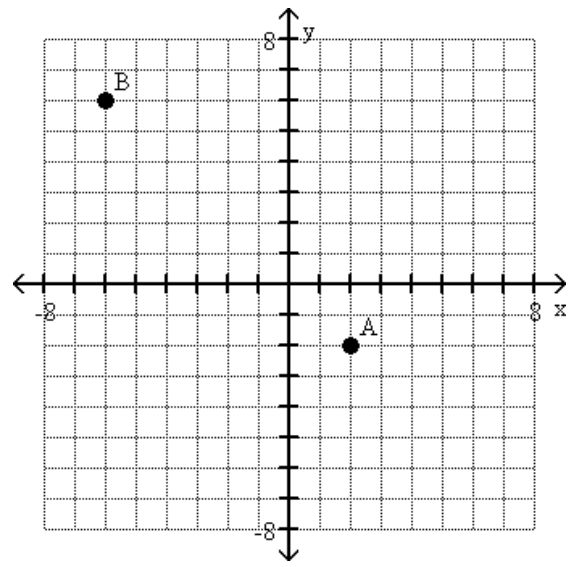
13) A(2, -2), B(-6, 6) 13) _____



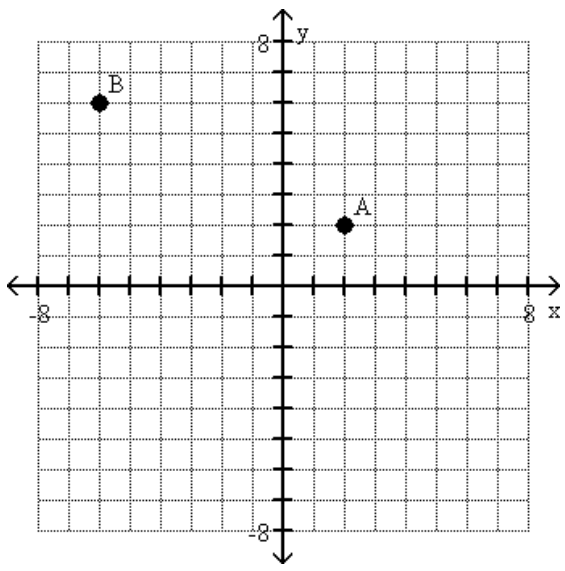
A)



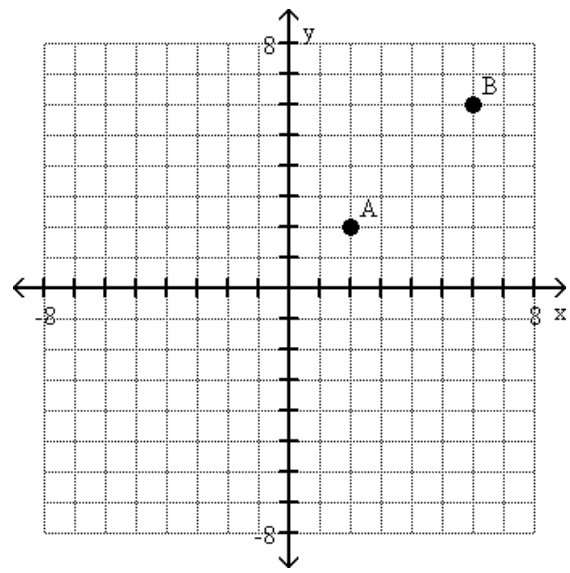
B)



C)



D)



State the quadrant in which or axis on which the point is located.

14) (-5.9, -3.9) 14) _____

A) II B) IV C) I D) III

15) (-12, 0) 15) _____

A) x-axis B) IV C) y-axis D) II

16) (-2.9, 38) 16) _____

A) y-axis B) I C) III D) II

17) (-3, -20) 17) _____

A) I B) IV C) III D) II

18) (3, -14) 18) _____

A) II B) IV C) x-axis D) I

19) (-9, 3) 19) _____

A) I B) IV C) II D) III

20) (7, 17) 20) _____

A) I B) III C) IV D) II

21) (0, -19) 21) _____

A) II B) x-axis C) y-axis D) III

Determine whether the graph of the set of data points is linear or nonlinear.

22) (age, weight): (10, 85), (12, 96), (14, 109), (16, 124) 22) _____

A) Nonlinear B) Linear

23) (time, speed): (0, 6), (1, 8), (2, 10), (3, 12) 23) _____

A) Nonlinear B) Linear

Answer Key
Testname: 4.1.28 RECTANGULAR COORDIATE 3

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