Slopes

1. Find the slope between the two points (4,1) and (7,7).

a) 3
b) 6
c) 1/2
d) 2

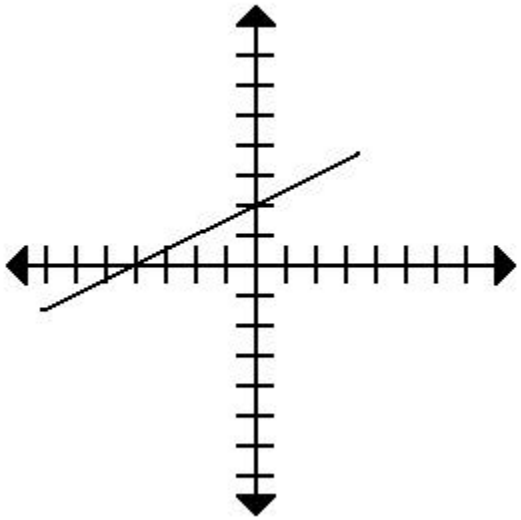
2. Find the slope between the two points (6,2) and (11,4).

a) 5/2
b) 2
c) 2/5
d) 5

3. Find the slope between the two points (3,-2) and (5,4).

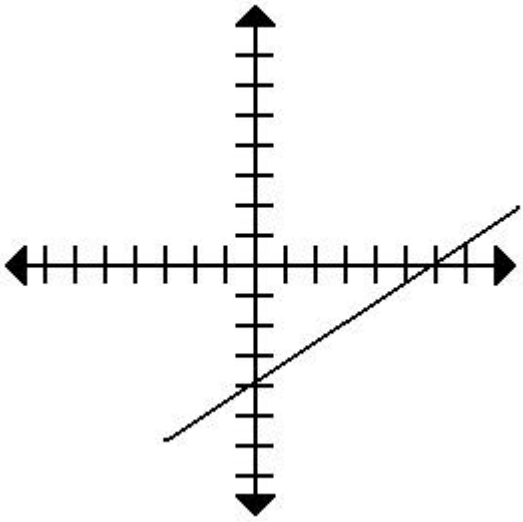
a) -3
b) 3
c) 1/3
d) -1/3

4. Find the slope of the line.



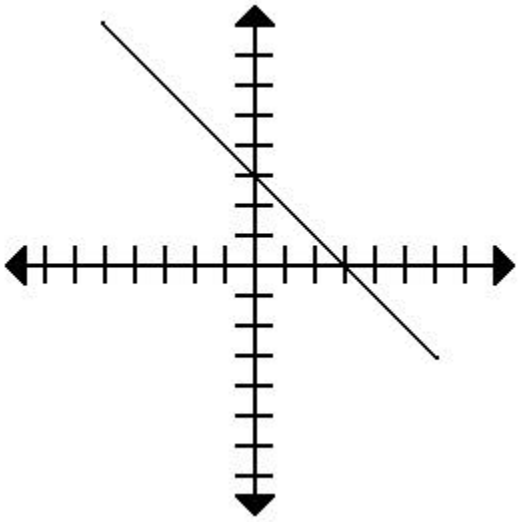
a) 4
b) -2
c) 1/2
d) 2

5. Find the slope of the line.



a) -3
b) 2/3
c) 6
d) 2

6. Find the slope of the line.



a) -3
b) -1
c) 1
d) 3

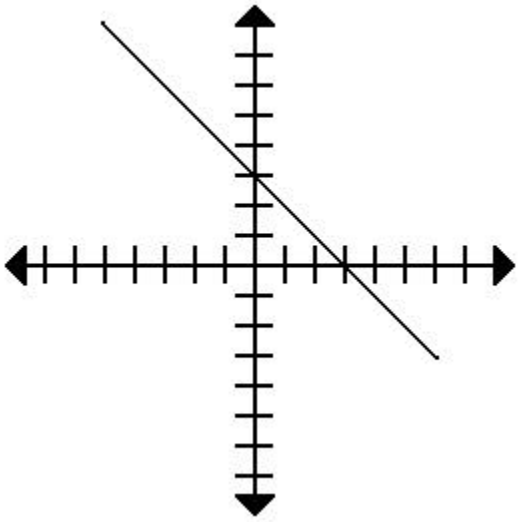
7. Which of the following linear equations would run parallel to $y = 2x + 5$?

a) $y = 3x + 5$
b) $y = 1/2x + 5$
c) $y = -1/2x + 2$
d) $y = 2x – 3$

8. Which of the following linear equations would run perpendicular to $y = 2x + 5$?

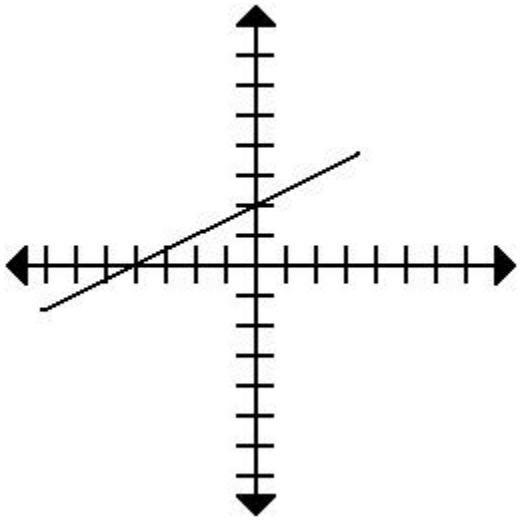
a) $y = 3x + 5$
b) $y = 1/2x + 5$
c) $y = -1/2x + 2$
d) $y = 2x – 3$

9. Which of the following linear equations would run parallel to the line below?



a) y = 3
b) y = x + 3
c) y = -x + 6
d) y = -3x

10. Which of the following linear equations would run perpendicular to the line below?



a) y = -1/2x
b) y = 1/2x + 3
c) y = -2x + 1
d) y = 2x + 4