

Name _____

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

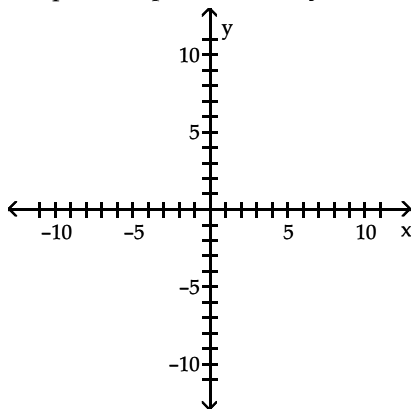
1) Find the slope of the line passing through the points $(5, -3)$ and $(2, -1)$. 1) _____

2) For the line $y = 7x - 3$, find (a) the slope and (b) the y -intercept. 2) _____

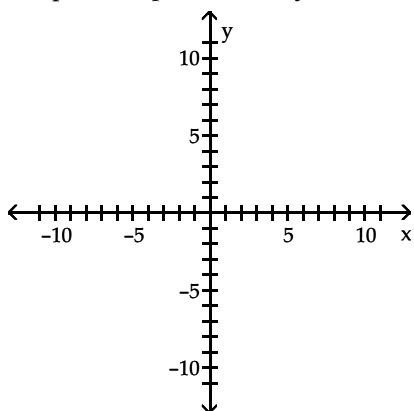
3) Find the slope of the line $4x - 8y + 5 = 0$. 3) _____

4) Find the slope of the line $3x + 9y - 7 = 0$. 4) _____

5) Graph the equation $3x + 4y - 12 = 0$. 5) _____

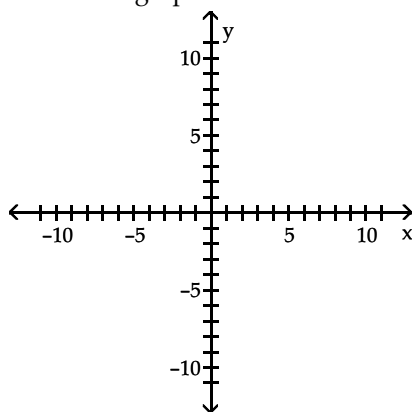


6) Graph the equation $5x + y + 8 = 0$. 6) _____



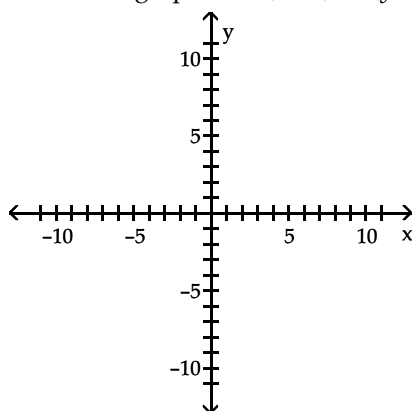
7) Sketch the graph of $x = 4$.

7)



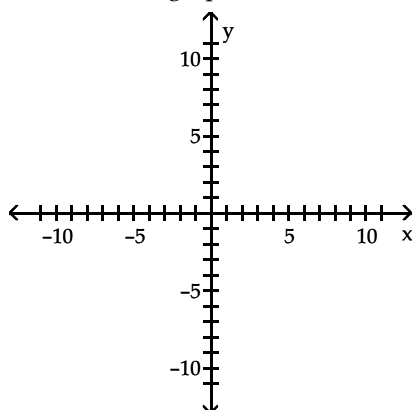
8) Sketch the graph of $12(x - 2) - 7(y - 10) = 0$.

8)



9) For the straight line $2x + y - 3 = 0$ find: (a) the slope; (b) the y -intercept; and (c) sketch the graph.

9)



10) Find an equation of the line that passes through the origin and that has slope -5 .

10) _____

11) Find the slope-intercept form of an equation of the line that passes through the point $(2, 0)$ and has slope 4 .

11) _____

12) The equation of a certain line is $3(x - 4) - (y + 1) = 4$. Find: (a) the slope-intercept form and (b) a general linear form.

12) _____