

Find the slope.

1) (-6,-4) and (2,3)

$m = \underline{\hspace{2cm}}$

2) (-4,4) and (4,-4)

$m = \underline{\hspace{2cm}}$

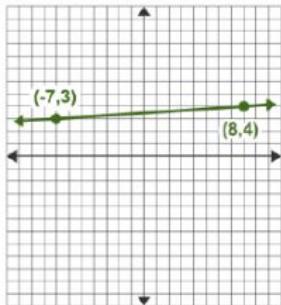
3) (-2,7) and (3,-6)

$m = \underline{\hspace{2cm}}$

4) (6,3) and (-5,3)

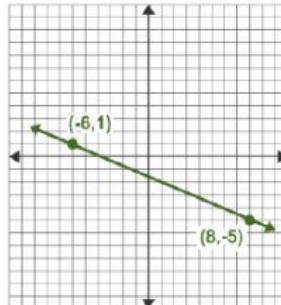
$m = \underline{\hspace{2cm}}$

5)



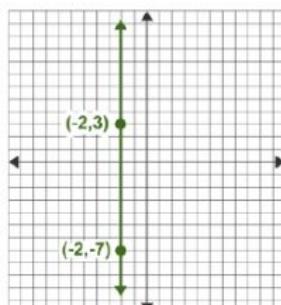
$m = \underline{\hspace{2cm}}$

6)



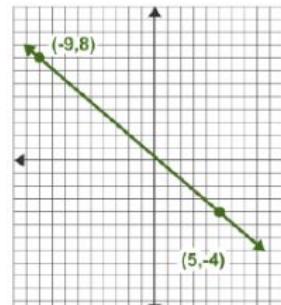
$m = \underline{\hspace{2cm}}$

7)



$m = \underline{\hspace{2cm}}$

8)



$m = \underline{\hspace{2cm}}$

What is the slope of the linear function?

9) $y = \frac{1}{4}x - 3$ $m = \underline{\hspace{2cm}}$

10) $y = -3x + 6$ $m = \underline{\hspace{2cm}}$

Are the following linear functions parallel, perpendicular, or neither?

11) $y = 3x - 4$

$y = -\frac{1}{3}x + 6$

12) $y = \frac{2}{3}x + 6$

$y = \frac{2}{3}x + 4$
