

Find the slope.

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

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

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

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

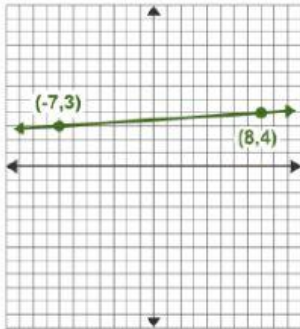
3) $(-2, 7)$ and $(3, -6)$

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

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

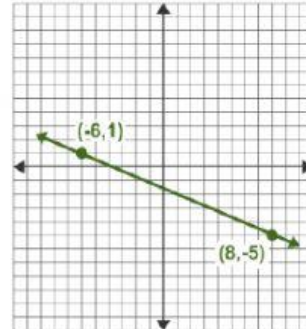
$m = \underline{\hspace{2cm}}$

5)



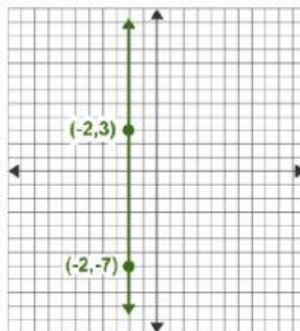
$m = \underline{\hspace{2cm}}$

6)



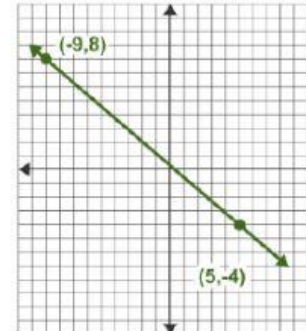
$m = \underline{\hspace{2cm}}$

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

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