Welcome back!!

Let's review linear functions!



Slope:

run
$$\frac{y_2 - y_1}{x_2 - x_1} = n$$

Two forms of linear functions:

Parallel lines?

Same direction, never touch Same Slope

Perpendicular lines?

Cross at 90° angle
Opposite reciprocal slopes

	Lines in the Plane
	Lines in the Flane
	Section 1.1
	
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You will complete the note sheet on linear functions either independently or with a partner.

You can do this! You have seen this many times and will be review!

1) a.
$$m = \frac{4}{2} - \frac{4}{2} = \frac{-3-5}{4+2} = \frac{-8}{6} = \frac{-4}{3}$$

$$\frac{5+3}{-2-4}$$
b. $m = \frac{3+1}{2-2} = \frac{4}{0} * \frac{\text{undefined}}{\text{undefined}}$

C. $\frac{\text{Vertical}}{\text{horizontal}} \rightarrow m=0$
d. $m = \frac{0}{5}$

$$m = -\frac{3}{0}$$



