

Unit 5 - 5.5



Slope from 2 points

Today's Learning Targets:

5.5 - I can find the rate of change from a table or graph

Special slopes

(3, -1) (3, -5)

(0, 6) (-3, 6)

Rate of Change

(slope with units, found on a table)

$$\text{rate of change} = m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{\text{rise}}{\text{run}}$$

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Rate of Change

(slope with units, found on a table)

$$\text{rate of change} = m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{\text{rise}}{\text{run}}$$

$$m = \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Distance Marched	
Time (min)	Distance (ft)
1	260
2	520
3	780
4	1040

Rate of Change

(slope with units, found on a table)

$$\text{rate of change} = m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{\text{rise}}{\text{run}}$$

$$\frac{\text{rise}}{\text{run}} = \frac{\quad}{\quad}$$



This is the graph from the last problem. Notice the rate of change can also be found by looking at the RISE and the RUN of the graph.
