

Graphs & Rate of Change (Δ) (graphing calculator)

* How does y change as x changes *

Graph

$$y = \frac{1}{2}x + 5$$

$$y = 2x + 3$$

$$y = 5x - 10$$

Which equation's graph has the greatest rate of change?

* Rate of change can be compared by the steepness of the equation's graph *

- Steeper - greater rate of change
- less steep - lower rate of change.