





 $slope = \frac{rise}{run}$ 

# SLOPE OF A LINE

















slope = rise run





slope = rise run

Find the slope of each line. Simplify the slope or write it as an integer if you can.



#### Through each point draw a line that has the slope shown below the grid. Use a ruler.













 $slope = \frac{rise}{rise}$ run





If you do not have the graph of a line use...





$$\boldsymbol{m} = \frac{\boldsymbol{y}_2 - \boldsymbol{y}_1}{\boldsymbol{x}_2 - \boldsymbol{x}_1}$$

Find the slope between the two points:

1) (7,-6)*and* (-5,2)

### 2) (-2,3)*and* (4,8)

3) (6,3)*and* (2,0)

# SLOPE OF A LINE

















$$\boldsymbol{m} = \frac{\boldsymbol{y}_2 - \boldsymbol{y}_1}{\boldsymbol{x}_2 - \boldsymbol{x}_1}$$

Find the slope between the two points:

1) (0,7)*and* (-4,-1)

### 2) (-2,5)*and* (9,5)



$$\boldsymbol{m} = \frac{\boldsymbol{y}_2 - \boldsymbol{y}_1}{\boldsymbol{x}_2 - \boldsymbol{x}_1}$$

Find the slope between the two points:

3) (11,-8)*and* (3,4)

### 4) (-3,9)*and* (-3,5)