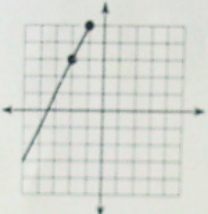


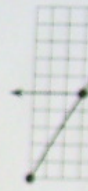
Problem of Day 1+4

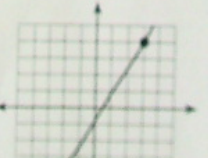
Finding slope using both formulas:

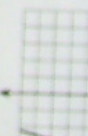
Slope

Find the slope of each line.

1) 

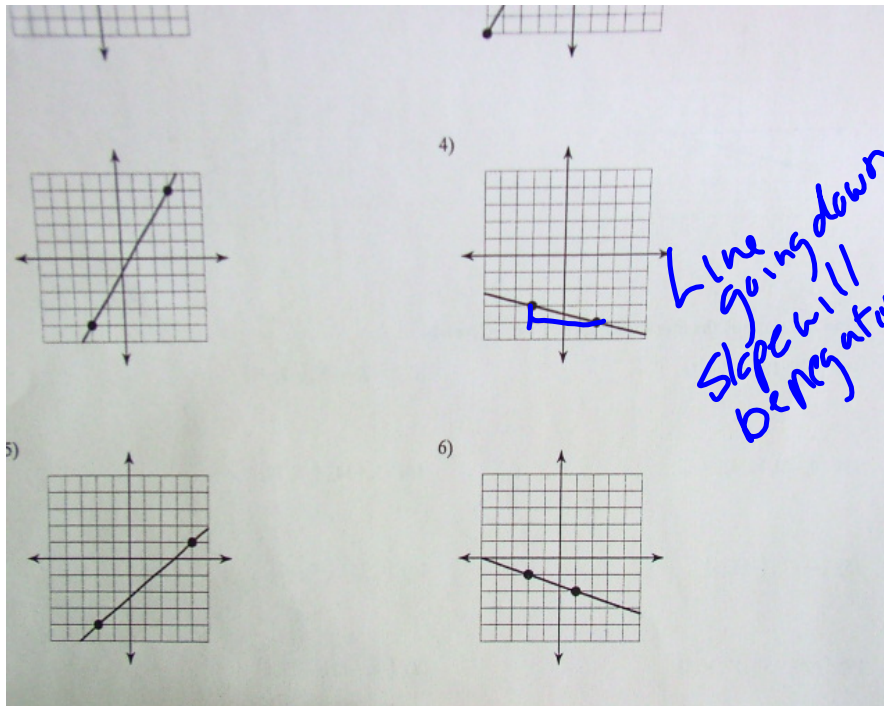
2) 

3) 

4) 

Slope = $\frac{\text{rise}}{\text{run}}$
 $= \frac{2}{1}$
 $= 2$

2



Line going down
Slope will be negative

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

get down

$= \frac{-1}{4}$

$= -0.25$

$(-) \div (-) = +$

Find the slope of the line through each pair of points.

11) $(-20, 19), (13, -18)$	12) $(-7, -10), (-9, -1)$
13) $(9, -2), (4, 6)$	14) $(5, -14), (-5, 20)$
15) $(-8, 7), (-15, 3)$	16) $(8, 15), (-7, -15)$
17) $(-20, -5), (17, -15)$	18) $(-8, -18), (-11, 6)$
19) $(20, 2), (12, 2)$	20) $(4, -6), (-1, -18)$

$$\text{Slope } m = \frac{y_2 - y_1}{x_2 - x_1}$$

Homework