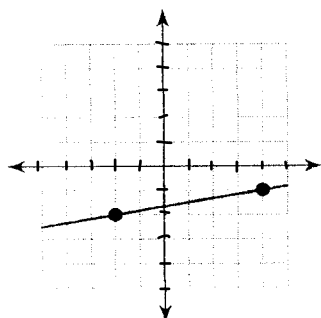


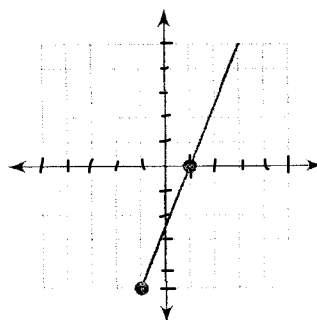
Q3 - Homework 2 - Worksheet 5-1 Slope

Find the slope of each line. Use this worksheet for these problems.

1)



2)



Find the slope of the line through each pair of points. ALL WORK ON LOOSELEAF!

3) $(-10, -12), (15, -14)$

4) $(9, -10), (-3, 11)$

5) $(-10, 5), (-18, -15)$

6) $(-5, 14), (-1, 20)$

7) $(17, -10), (-4, -19)$

8) $(3, -20), (-4, -16)$

9) $(-10, -6), (-10, 9)$

10) $(-4, -11), (-4, 2)$

11) $(4, -5), (12, 4)$

12) $(-13, -10), (19, -15)$

13) $(-9, 11), (7, -12)$

14) $(20, -15), (-18, 12)$

15) $(15, 18), (-14, -7)$

16) $(14, 15), (14, 17)$

17) $(3, 11), (10, -7)$

18) $(13, 11), (-8, 14)$

19) $(13, 7), (-1, -7)$

20) $(-9, 11), (-14, 7)$

EXAMPLE

(Ex) $(2, -3), (4, 1)$

Formula

$$m = \frac{y_2 - y_1}{x_2 - x_1} = \frac{1 - (-3)}{4 - 2} = \frac{1 + 3}{2} = \frac{4}{2} = 2 = m$$