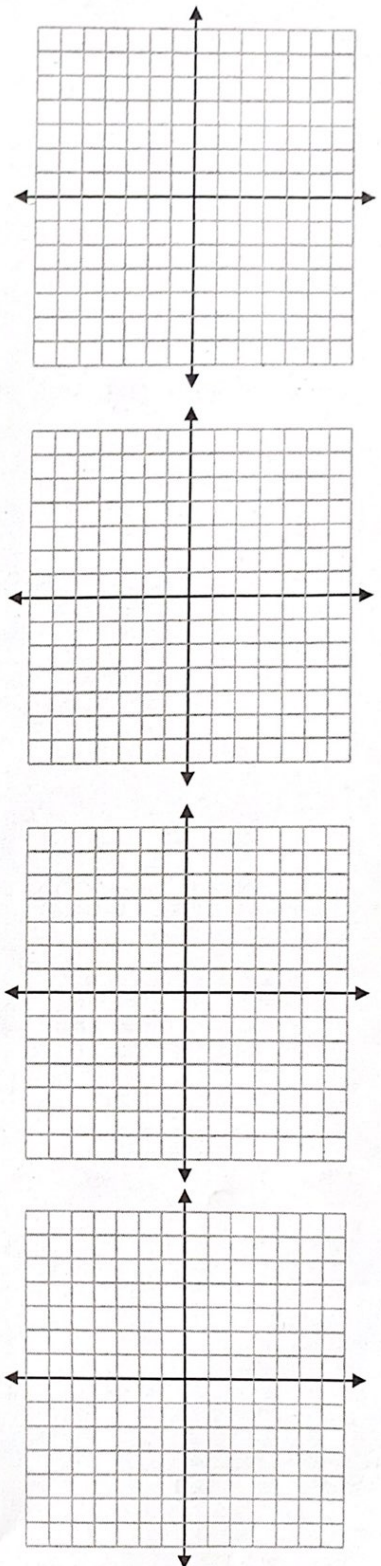


Name: _____ Period: _____

FINDING SLOPE #1 (Graphing method)

Graph the points and find slope using $m = \frac{\text{rise}}{\text{run}}$

1. Plot the points (0, 2) and (4, 3) and find slope.
2. Plot the points (0, -3) and (2, 1) and find the slope.
3. Plot the points (0, -1) and (1, 4) and find the slope.
4. Plot the points (0, 3) and (4, 1) and find the slope.
5. Plot the points (0, 1) and (1, -3) and find the slope.
6. Plot the points (0, -3) and (3, -1) and find the slope.
7. Plot the point (0, -2) and (1, 2) and find the slope.
8. Plot the point (0, 4) and (2, -6) and find the slope.



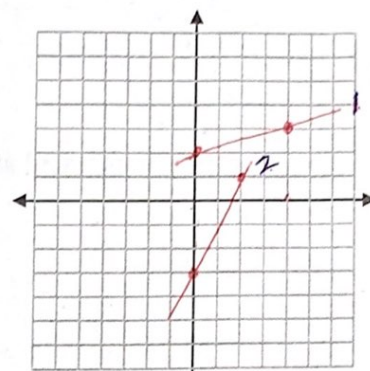
Name: _____ Period: _____

FINDING SLOPE #1 (Graphing method)

Graph the points and find slope using $m = \frac{\text{rise}}{\text{run}}$

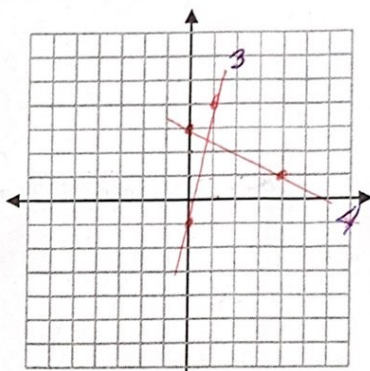
1. Plot the points (0, 2) and (4, 3) and find slope.

$$\frac{1}{4}$$



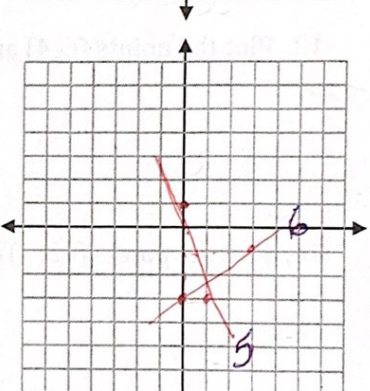
2. Plot the points (0, -3) and (2, 1) and find the slope.

$$\frac{4}{2} = 2$$



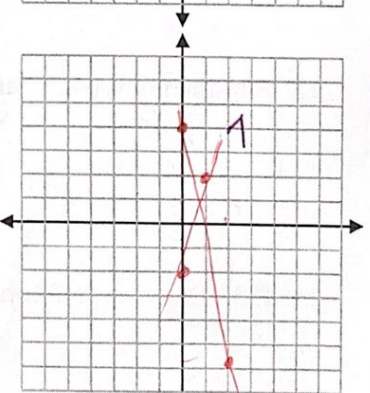
3. Plot the points (0, -1) and (1, 4) and find the slope.

$$\frac{5}{1} = 5$$



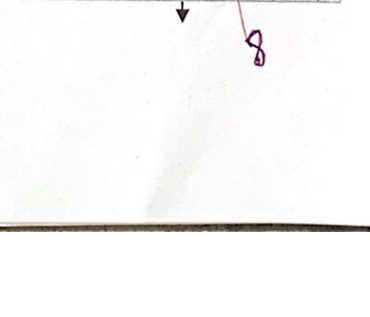
4. Plot the points (0, 3) and (4, 1) and find the slope.

$$\frac{-2}{4} = -\frac{1}{2}$$



5. Plot the points (0, 1) and (1, -3) and find the slope.

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



6. Plot the points (0, -3) and (3, -1) and find the slope.

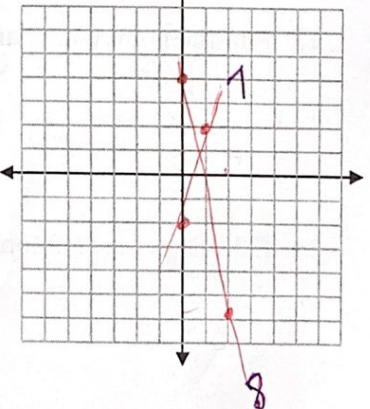
$$\frac{2}{3}$$

7. Plot the point (0, -2) and (1, 2) and find the slope.

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

8. Plot the point (0, 4) and (2, -6) and find the slope.

$$\frac{-10}{2} = -5$$



Name: _____ Period: _____

FINDING SLOPE #2 (Using slope formula)

Find the slope using the formula $m = \frac{y_2 - y_1}{x_2 - x_1}$

1. Find the slope using points: (2, 2) and (-5, 4)
2. Find the slope using points: (3, 9) and (-5, 3)
3. Find the slope using points: (5, 5) and (4, 2)
4. Find the slope using points: (5, 7) and (2, 7)
5. Find the slope using points: (-4, 0) and (12, 2)
6. Find the slope using points: (2, 5) and (-6, -3)
7. Find the slope using points: (-8, -2) and (1, 4)
8. Find the slope using points: (0, -3) and (-4, 2)
9. Find the slope using points: (5, 1) and (9, 4)
10. Find the slope using points: (-10, 6) and (-5, 8)
12. Find the slope using points: (7, -3) and (11, -4)
12. Find the slope using points: (13, 0) and (-2, -12)

Name: _____

Key

Period: _____

FINDING SLOPE #2 (Using slope formula)Find the slope using the formula $m = \frac{y_2 - y_1}{x_2 - x_1}$

1. Find the slope using points: (2, 2) and (-5, 4)

$$\frac{4-2}{-5-2} = \frac{2}{-7} = \left(-\frac{2}{7}\right)$$

2. Find the slope using points: (3, 9) and (-5, 3)

$$\frac{3-9}{-5-3} = \frac{-6}{-8} = \left(\frac{3}{4}\right)$$

3. Find the slope using points: (5, 5) and (4, 2)

$$\frac{2-5}{4-5} = \frac{-3}{-1} = \left(\frac{3}{1}\right)$$

4. Find the slope using points: (5, 7) and (2, 7)

$$\frac{7-7}{2-5} = \frac{0}{-3} = 0$$

5. Find the slope using points: (-4, 0) and (12, 2)

$$\frac{2-0}{12-(-4)} = \frac{2}{16} = \left(\frac{1}{8}\right)$$

6. Find the slope using points: (2, 5) and (-6, -3)

$$\frac{-3-5}{-6-2} = \frac{-8}{-8} = 1$$

7. Find the slope using points: (-8, -2) and (1, 4)

$$\frac{4-(-2)}{1-(-8)} = \frac{6}{9} = \left(\frac{2}{3}\right)$$

8. Find the slope using points: (0, -3) and (-4, 2)

$$\frac{2-(-3)}{-4-0} = \frac{5}{-4} = \left(-\frac{5}{4}\right)$$

9. Find the slope using points: (5, 1) and (9, 4)

$$\frac{4-1}{9-5} = \left(\frac{3}{4}\right)$$

10. Find the slope using points: (-10, 6) and (-5, 8)

$$\frac{8-6}{-5-(-10)} = \left(\frac{2}{5}\right)$$

12. Find the slope using points: (7, -3) and (11, -4)

$$\frac{-4-(-3)}{11-7} = \left(-\frac{1}{4}\right)$$

12. Find the slope using points: (13, 0) and (-2, -12)

$$\frac{-12-0}{-2-13} = \frac{-12}{-15} = \left(\frac{4}{5}\right)$$