

Name: _____



Finding Slope Using a Formula

Formula Reference

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

Where m is the slope of the line that passes through (x_1, y_1) and (x_2, y_2) .

Directions: Find the slope of the line that passes through the given points.

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

ANSWER KEY

- (3, -11), and (-13, 2)
 $-13/16$
- (4, 11), and (12, -16)
 $-27/8$
- (-14, -6), and (10, 15)
 $7/8$
- (9, -13), and (-11, 12)
 $-5/4$
- (-20, 10), and (-2, -12)
 $-11/9$
- (0, -2), and (7, 6)
 $8/7$
- (-2, -6), and (18, 16)
 $11/10$
- (6, -4), and (11, 3)
 $7/5$
- (17, -19), and (-6, -4)
 $-13/16$
- (-9, 14), and (18, -8)
 $-22/27$
- (7, 3), and (19, -19)
 $-11/6$
- (-3, 8), and (20, -7)
 $-15/23$
- (8, 5), and (-5, 7)
 $-2/13$
- (-4, -2), and (16, 12)
 $7/10$
- (-17, -7), and (1, 20)
 $3/2$
- (-5, 20), and (15, -5)
 $-5/4$