

Name: KEY

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

Finding the Slope Given 2 Points

What is the slope of the lines given the following parameters.

<p>Goes through the points:</p> <p>(4, -2) and (6, 7)</p> <p>pt 1 pt 2</p> $\frac{7 - (-2)}{6 - 4}$ $\frac{9}{2}$	<p>Goes through the points:</p> <p>(9, 4) and (-6, 5)</p> $\frac{5 - 4}{-6 - 9}$ $\frac{1}{-15}$	<p>Goes through the points:</p> <p>(4, -2) and (4, 7)</p> $\frac{7 - (-2)}{4 - 4}$ $\frac{7}{0}$ <p>undefined</p>
<p>Goes through the points:</p> <p>(2, -2) and (5, -2)</p> $\frac{-2 - (-2)}{5 - 2}$ $\frac{0}{3}$ 0	<p>Goes through the points:</p> <p>(14, 5) and (7, 2)</p> $\frac{2 - 5}{7 - 14}$ $\frac{-3}{-2}$ $\frac{3}{2}$	<p>Goes through the points:</p> <p>(1, -2) and (5, 2)</p> $\frac{2 - (-2)}{5 - 1}$ $\frac{4}{4}$ 1