Warm Up Questions



- Find the slope of a line passing through an x-intercept of 5 and a y-intercept of -3.
- 2. Determine the slope that is perpendicular to (5, 3) and (7, 0).

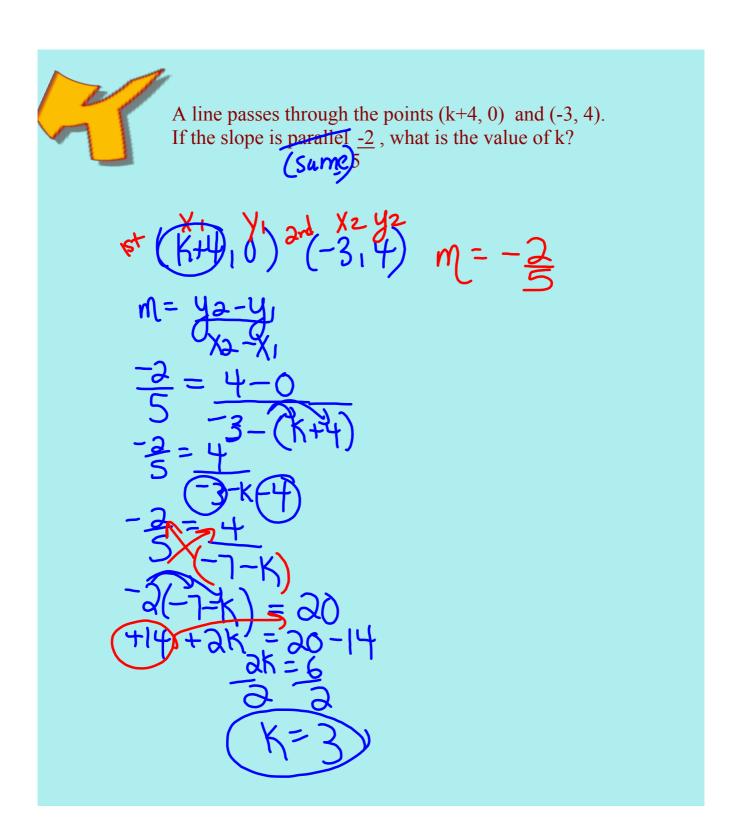
1. Find the slope of a line passing through an x-intercept of 5 and a y-intercept of -3

2. Determine the slope that is perpendicular to (5, 3) and (7, 0).

$$M = \frac{y_2 - y_1}{x_2 - x_1}$$
 $M = \frac{0 - 3}{7 - 5}$
 $M = \frac{-3}{3}$

$$Ans = +\frac{2}{3}$$





A line passes through the points (k, 3) and (4, 2). If the slope is parallel to the y-axis, what is the value of k?

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$$(K_1, 3)$$
 and $(4, 2)$ $m = \frac{1}{0}$
 $m = y_2 - y_1$
 $x_2 - y_1$



A line passes through the point
$$(k, 5)$$
 and has an x-intercept of 3. If the slope is perpendicular to $-1/5$, what is the value of k ?

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A line passes through the points (4,5) and (3, k). If the slope is parallel to the x-axis, what is the value of k?



$$K = \frac{y^{2} - y^{1}}{2} \times \frac{y^{2} - y^{2}}{2} \times \frac{y^{2} - y^{2}}{3} \times \frac{y^{2}}{3} \times \frac{y^{2} - y^{2}}{3} \times \frac{y^{2}}{3} \times \frac{y^$$

