
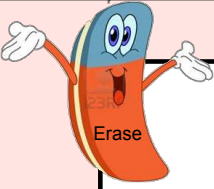


How am I doing?

1. What is the slope of the x-axis? $\frac{0}{1}$ or 0 .
2. Perpendicular lines have opposite reciprocal slopes.
3. What is the slope perpendicular to the y-axis? 0 $\frac{0}{1}$
4. Parallel lines have the same slope.
5. The slope of the y-axis is undefined (1/0).
6. The slope parallel to $-5/7$ is $-5/7$.
7. The slope perpendicular to $6/11$ is $-11/6$.
8. The slope parallel to the y-axis is undefined (1/0).
9. Calculate the slope of $(2, -5)$ $(3, 2)$. $\frac{y_2 - y_1}{x_2 - x_1} = \frac{2 - (-5)}{3 - 2} = \frac{2 + 5}{3 - 2} = \frac{7}{1} = 7$



Nov 29-1:05 PM



$y = (m)x + b$

1. State the slope perpendicular to $y = -3/8x - 4$
Slope = $\frac{8}{3}$
2. State the slope same parallel to $y = -7x + 3$
Slope = -7
3. State the slope opp rec. perpendicular to $y = 6x + 2/3$
Slope = $-\frac{1}{6}$
4. State the slope opp rec. perpendicular to $y = -8 - 4/5x$
Slope = $+\frac{5}{4}$

Apr 25-9:45 AM

Same Slope
Which line is ~~parallel?~~

a) $y = 6x - 3$
 b) $y = -3x - 2$
 c) $y = 3x + 8$
 d) $y = 2x + 3$

$\frac{9}{3} = 3$

3 rise

Nov 25-2:27 PM

Which line is perpendicular?

a) $y = -\frac{3}{2}x + 1$
 b) $y = \frac{2}{3}x - 5$
 c) $y = \frac{3}{2}x + 6$
 d) $y = -\frac{2}{3}x + 3$

Per = $+\frac{2}{3} / \frac{3}{2}$

3
2

Nov 25-2:27 PM

Find the ^{opp rec.}~~perpendicular~~ slope to $2y = 6x - 8$

$$\frac{2y}{2} = \frac{6x}{2} - \frac{8}{2}$$
$$y = 3x - 4$$

$$\text{Slope} = \underline{3}$$

$$\text{Answer} = \underline{-\frac{1}{3}}$$

May 4-1:51 PM