

mobius

Slope - Find Parallel - Standard Form to **Slope Y Intercept Form**

2



What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$-8x + 2y = 4$$

What line equation would have a	
slope that is PARALLEL to the slope	
of this line equation?	

$$12x + 3y = 12$$

$-\mathbf{o}x$	+	$\mathbf{z}\mathbf{y}$	_	4

$$egin{array}{ccccc} \mathsf{A} & y=rac{1}{4}x+2 & \mathsf{B} & y=rac{4}{2}x+2 \ & \mathsf{C} & y=4x+2 & \mathsf{D} & y=-4x+2 \ \end{array}$$

$$y=-rac{1}{4}x+4$$

B
$$y = -4x + 4$$

$$y = -\frac{4}{2}x + 4$$

$$oxed{\mathsf{D}} oxed{y} = \mathsf{4}x + \mathsf{4}$$

What line equation would have a 3 slope that is PARALLEL to the slope of this line equation?

$$-1x + 3y = 3$$

What line equation would have a 4 slope that is PARALLEL to the slope of this line equation?

$$0.5x + 1y = 0.5$$

$$A y = \frac{1}{3}x + 1$$

$$\mathsf{B} \qquad \qquad y = -\frac{1}{3}x + 1$$

$$\mathsf{A} \qquad \qquad y = \frac{2}{2}x + 0.5$$

B
$$y = -2x + 0.5$$

$$egin{array}{ccccc} {\sf C} & & & & & {\sf D} \ & & & & & & {\sf D} \ \end{array}$$

$$oxed{\mathsf{D}} oxed{y=3x+1}$$

$$y=rac{1}{2}x+0.5$$

$$egin{array}{ll} \mathsf{B} & y = -2x + 0. \ \mathsf{D} & y = -rac{1}{2}x + 0.5 \end{array}$$

What line equation would have a 5 slope that is PARALLEL to the slope of this line equation?

$$-2x + 1y = 1$$

What line equation would have a 6 slope that is PARALLEL to the slope of this line equation?

$$-9x + 3y = 3$$

$$\mathsf{A} \qquad \qquad y = \frac{2}{2}x + 1$$

$$y = 2x + 1$$

$$\mathsf{A} \qquad \qquad y = \frac{1}{3}x + 1$$

$$y=3x+1$$

$$y=-2x+1$$

$$\mathsf{D} \qquad \qquad y = \frac{1}{2}x + 1$$

C
$$y = -3x + 1$$

$$D \qquad \qquad y = rac{3}{2}x + 1$$

What line equation would have a 7 slope that is PARALLEL to the slope of this line equation?

8

What line equation would have a slope that is PARALLEL to the slope of this line equation?

$$-0.5x + 1y = 1$$

$$15x + 3y = 15$$

A
$$y = \frac{1}{2}x + 1$$

$$y = -\frac{2}{2}x + 1$$

A
$$y = 5x + 5$$

$$egin{array}{ll} \mathsf{B} & y = -rac{1}{5}x + 5 \ & \mathsf{D} & y = -\mathsf{5}x + \mathsf{5} \end{array}$$

$$y=2x+1$$

$$y=-rac{2}{2}x+1$$
 $y=-rac{1}{2}x+1$

$$oxed{\mathsf{C}} \qquad \qquad y = -rac{\mathsf{5}}{2}x + \mathsf{5}$$

$$y = -5x + 5$$