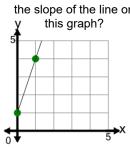


## mobius

## Slope - Find Perpendicular - Graph to Slope Y Intercept Form



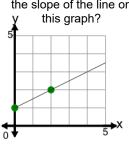
What line equation would have a slope that is PERPENDICULAR to the slope of the line on y this graph?



A 
$$y=-3x+2.33$$
  $y=rac{1}{3}x+2.33$ 

$$C \ y = -rac{1}{3}x + 2.33 \ y = rac{3}{2}x + 2.33$$

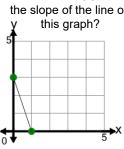
What line equation would have a slope that is PERPENDICULAR to the slope of the line on y this graph?



$$egin{array}{c} \mathsf{A} \ y = -rac{2}{2}x + 2 \ y = -2x + 2 \end{array}$$

$$egin{array}{c} \mathsf{c} \ y = -rac{1}{2}x + 2 \ y = 2x + 2 \end{array}$$

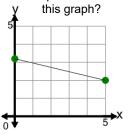
What line equation would have a slope that is PERPENDICULAR to the slope of the line on



$$egin{aligned} egin{aligned} \mathsf{A} \ y = -rac{1}{3}x + 1 \end{aligned} y = -rac{3}{2}x + 1 \end{aligned}$$

$$egin{aligned} egin{aligned} egin{aligned\\ egin{aligned} egi$$

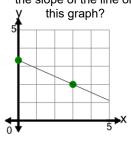
What line equation would have a slope that is PERPENDICULAR to the slope of the line on



$$\begin{vmatrix} \mathsf{A} & \mathsf{B} & \mathsf{B} \\ y = -5x + 2 \end{vmatrix} = 5x + 2$$

$$\begin{vmatrix} \mathtt{c} \ y = rac{1}{5}x + 2 \end{vmatrix} y = rac{5}{2}x + 2$$

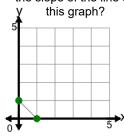
What line equation
would have a slope that
is PERPENDICULAR to
the slope of the line on
y this graph?



$$egin{aligned} y = rac{3}{2}x + 1 \ y = rac{1}{3}x + 1 \end{aligned}$$

$$egin{array}{c} extstyle extstyl$$

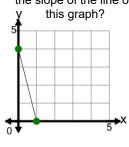
What line equation would have a slope that is PERPENDICULAR to the slope of the line on y this graph?



$$egin{aligned} y = -1x + 1 \ y = -rac{1}{2}x + 1 \end{aligned}$$

$$y=1x+1$$

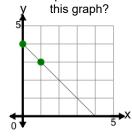
What line equation would have a slope that is PERPENDICULAR to the slope of the line on y this graph?



$$egin{aligned} | y = rac{1}{4}x + 3 | y = -rac{4}{2}x + 3 | \mathbf{8} \end{aligned}$$

$$egin{array}{c} \mathtt{c} \ y = -rac{1}{4}x + \mathtt{3} \ y = \mathtt{4}x + \mathtt{3} \end{array}$$

What line equation would have a slope that is PERPENDICULAR to the slope of the line on



$$oxed{y=-1x+1} = 1x+1$$

$$egin{aligned} {\mathsf C} \ y = rac{1}{2} x + 1 \end{aligned}$$