

mobius

Slope - Find Perpendicular - Slope Zero Intercept Form to Slope Zero Intercept



4	What line equalio O [
1	would have a slope that
	is PERPENDICULAR to
	the slope of this line
	equation?

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

MA	В	1
y = -2	x y=	$=\frac{1}{2}x$

$$\overset{ extsf{c}}{y}=rac{ extsf{2}}{2}x\overset{ extsf{d}}{y}=2x$$

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

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

$$\overset{\scriptscriptstyle\mathsf{A}}{y} = \mathsf{4} x \overset{\scriptscriptstyle\mathsf{B}}{y} = \mathsf{-4} x$$

$$egin{aligned} y = rac{1}{4}x \Bigg|^{\scriptscriptstyle\mathsf{D}} = rac{4}{2}x \end{aligned}$$

$$r=rac{1}{2}x$$

$$\begin{vmatrix} \mathbf{a} & \mathbf{b} & \mathbf{b} \\ y & \mathbf{c} & \mathbf{c} & \mathbf{c} \end{vmatrix} y = 2x$$

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

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

$$y = -1x$$

$$\overset{ ext{ iny A}}{y}=-rac{1}{3}xigg|^{ ext{ iny B}}=rac{3}{2}x$$

$$\stackrel{ extsf{c}}{y}=-3x\stackrel{ extsf{d}}{y}=rac{1}{3}x$$

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

y = 1x

$$\gamma = -rac{1}{3}z$$

$$\overset{ extsf{A}}{y}=-3xigg|^{ extsf{B}}y=rac{1}{3}x$$

y = -1x

$$y = 3x$$
 $y = \frac{3}{2}x$

$$y = 2x$$

$$\overset{\scriptscriptstyle\mathsf{A}}{y} = -rac{1}{2}x igg|^{\scriptscriptstyle\mathsf{B}} = rac{2}{2}x$$

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

What line equation would have a slope that is PERPENDICULAR to the slope of this line equation2

$$y=\frac{1}{5}x$$

$$\overset{ ext{\tiny A}}{y}=-5x \overset{ ext{\tiny B}}{y}=-rac{5}{2}x$$

$$\begin{vmatrix} y & -rac{1}{5}x \end{vmatrix} y = 5x$$