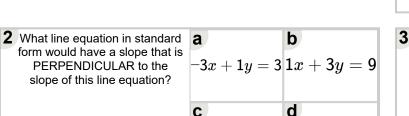
Mobius Math Club

Name:



Math worksheet on 'Slope - Find Perpendicular -Slope Y Intercept Form to Standard Form (Level 1)'. Part of a broader unit on 'Slopes and Perpendiculars - Practice'

Learn online: app.mobius.academy/math/units/line equations and perpendiculars practice/



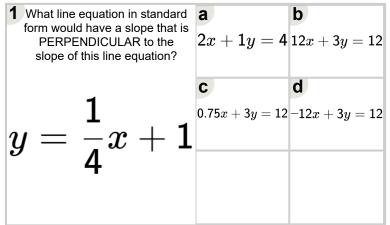
 $y=rac{1}{3}x+1$

4 What line equation in standard form would have a slope that is PERPENDICULAR to the slope of this line equation?

$$y = 1x + 1$$

a
$$1x + 1y = 1$$
b $2x + 2y = 2$ c $0.5x + 1y = 1$ d $-2x + 2y = 2$

6 What line equation in standard form would have a slope that is PERPENDICULAR to the slope of this line equation? $y = rac{1}{5}x + 2y = 10$ $y = rac{1}{5}x + 2y = 10$ $y = rac{1}{5}x + 2y = 10$



| ³ What line equation in standard form would have a slope that is PERPENDICULAR to the slope of this line equation? $y = -\frac{1}{2}x + 2.5$ | | |
|---|------------------------|--|
| a $-1.5x + 3y = 3$ | b $6x + 3y = 3$ | |
| c $-2x+1y=1$ | d $-2x+2y=2$ | |
| | | |
| - | | |

| 5 What line equation in standard form would have a slope that is PERPENDICULAR to the slope of this line equation? | y = 5x + 2 |
|---|------------------------|
| ^a $0.3x + 3y = 3.6$ | $b_{-}0.6x + 3y = 3.6$ |
| ^c $15x + 3y = 3.6$ | $^{d}0.6x + 3y = 3.6$ |
| | |

7What line equation in standard form would
have a slope that is PERPENDICULAR to the
slope of this line equation?y = -5x + 5a-0.2x + 2y = 2b0.6x + 3y = 3-0.4x + 2y = 2d-15x + 3y = 3

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