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

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

m=1

a $y = -1x + 1$

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

c $y = 1x + 1$

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

m=4

a $y = \frac{4}{2}x + 2.25$

b $y = \frac{1}{4}x + 2.25$

c $y = -4x + 2.25$

d $y = -\frac{1}{4}x + 2.25$

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

m=-2

a $y = 2x + 2$

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

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

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

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

m=-3

a $y = -\frac{3}{2}x + 1$

b $y = -\frac{1}{3}x + 1$

c $y = 3x + 1$

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

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

m=-1

a $y = -1x + 3$

b $y = -\frac{1}{2}x + 3$

c $y = 1x + 3$

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

m=-0.5

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

b $y = 2x + 1$

c $y = -2x + 1$

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

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

m=0.2

a $y = -\frac{5}{2}x + 5$

b $y = 5x + 5$

c $y = -\frac{1}{5}x + 5$

d $y = -5x + 5$