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

Learn online: app.mobius.academy/math/units/line_equations_and_parallels_intro/

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

$$m = \frac{1}{5}$$

a $y = -\frac{1}{5}x + 3$

b $y = -\frac{5}{2}x + 3$

c $y = 5x + 3$

d $y = \frac{1}{5}x + 3$

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

$$m = 1$$

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

b $y = -1x + 3$

c $y = 1x + 3$

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

$$m = -\frac{1}{5}$$

a $y = \frac{1}{5}x + 3.2$

b $y = \frac{5}{2}x + 3.2$

c $y = -\frac{1}{5}x + 3.2$

d $y = -5x + 3.2$

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

$$m = 5$$

a $y = -5x + 2$

b $y = \frac{1}{5}x + 2$

c $y = \frac{5}{2}x + 2$

d $y = 5x + 2$

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

$$m = -1$$

a $y = -1x + 1$

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

c $y = 1x + 1$

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

$$m = -5$$

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

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

c $y = 5x + 5$

d $y = -5x + 5$

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

$$m = -\frac{1}{3}$$

a $y = \frac{1}{3}x + 2.33$

b $y = \frac{3}{2}x + 2.33$

c $y = -3x + 2.33$

d $y = -\frac{1}{3}x + 2.33$