Math worksheet on *'Slope - Find Parallel - Slope Y Intercept Form 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 the slope of this line equation?

$$y = \frac{1}{4}x + 3$$

a $y = \frac{1}{4}x + 3$

b $y = -\frac{1}{4}x + 3$

c $y = -\frac{4}{2}x + 3$

d $y = 4x + 3$

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

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

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

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

c $y = 2x + 2$

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

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

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

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

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

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

d $y = 5x + 3$

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

$$y = -1x + 2$$

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

b $y = 1x + 2$

c $y = -1x + 2$

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

$$y = 3x + 1$$

a $y = -3x + 1$

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

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

d $y = 3x + 1$

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

$$y = -1x + 1$$

a $y = 1x + 1$

b $y = -1x + 1$

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

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

$$y = 4x + 1$$

a $y = \frac{1}{4}x + 1$

b $y = -4x + 1$

c $y = 4x + 1$

d $y = \frac{4}{2}x + 1$