



Slope Intercept Form

Name: _____

Date: _____

Score: _____

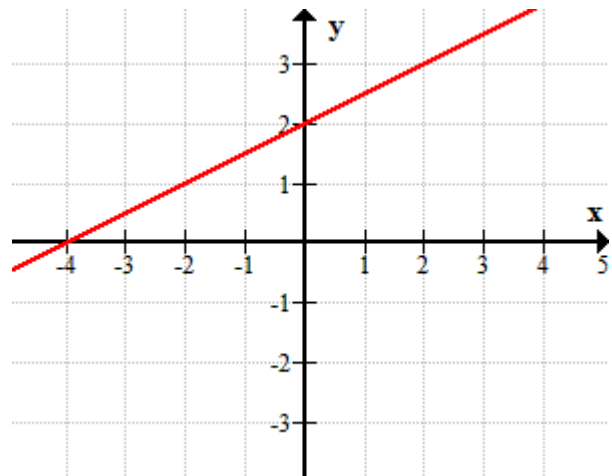
Direction: Find the equation of the line in slope intercept form using the given information. Show all your work in the space provided.

1) slope of $-\frac{1}{5}$ and through the point $(-4,1)$

2) slope of $\frac{5}{2}$ and with y-intercept of -2

3) Find the equation of the line through the points $(-1,-2)$ and $(3,4)$

4) Find the equation of the line in the xy-axis





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Direction: Find the equation of the line in slope intercept form using the given information. Show all your work in the space provided.

- 1) slope of $-\frac{1}{5}$ and through the point $(-4,1)$

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

- 2) slope of $\frac{5}{2}$ and with y-intercept of -2

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

- 3) Find the equation of the line through the points $(-1,-2)$ and $(3,4)$

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

- 4) Find the equation of the line in the xy-axis

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

