



# Slope Intercept Form

Version 2

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Score: \_\_\_\_\_

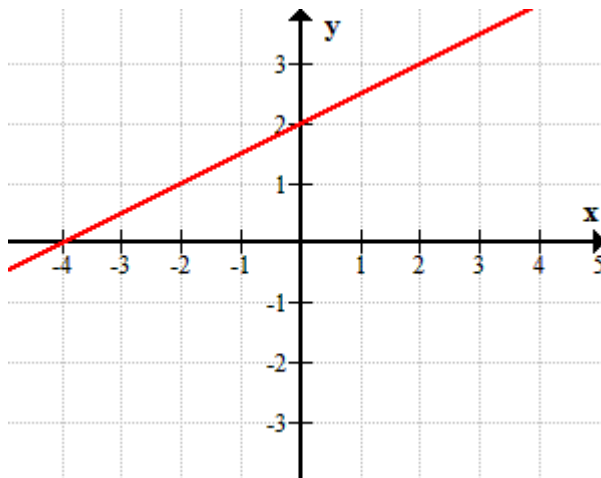
Direction: Find the equation of the line in slope intercept form using the given information. Show all your work in the space provided.

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

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

