

Name _____

Systems of Linear Equations

Math 8

$$y = mx + b$$

1) Solve the system of linear equations graphically

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

$$b = \underline{\hspace{2cm}}$$

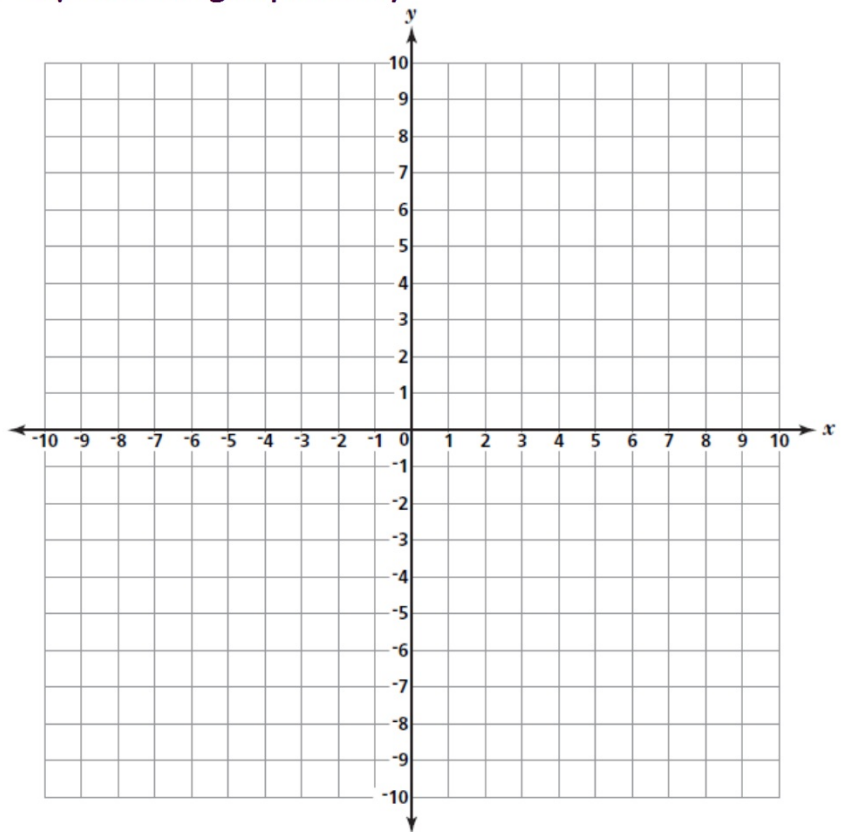
$$m = \underline{\hspace{2cm}}$$

$$y = x + 1$$

$$b = \underline{\hspace{2cm}}$$

$$m = \underline{\hspace{2cm}}$$

Solution: _____



2) Solve the system of linear equations graphically

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

$$b = \underline{\hspace{2cm}}$$

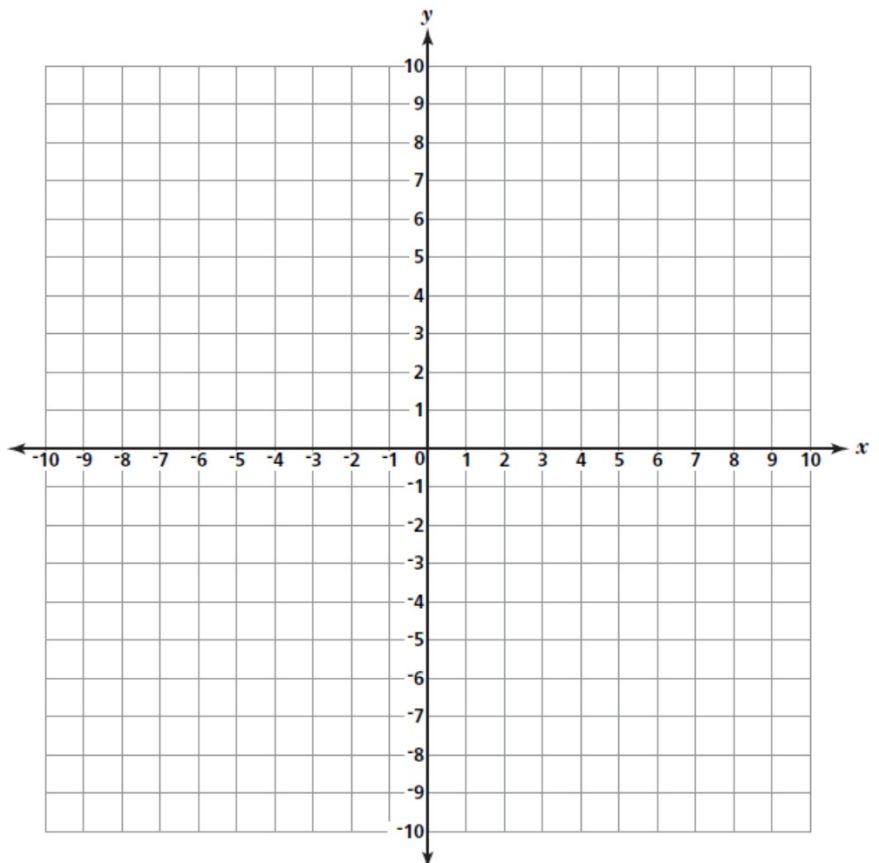
$$m = \underline{\hspace{2cm}}$$

$$y = -x + 7$$

$$b = \underline{\hspace{2cm}}$$

$$m = \underline{\hspace{2cm}}$$

Solution: _____



3) Solve the system of linear equations graphically

$$y = 2x - 8$$

$$b = \underline{\hspace{2cm}}$$

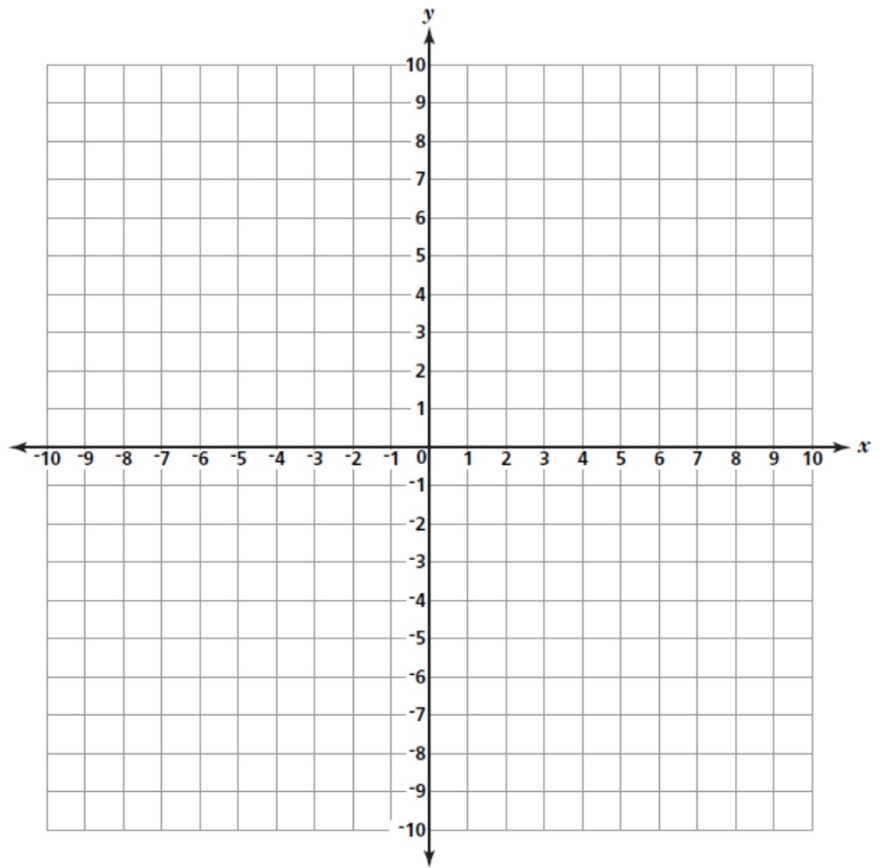
$$m = \underline{\hspace{2cm}}$$

$$y = -3x + 2$$

$$b = \underline{\hspace{2cm}}$$

$$m = \underline{\hspace{2cm}}$$

Solution:



4) Solve the system of linear equations graphically

$$y = 6x$$

$$b = \underline{\hspace{2cm}}$$

$$m = \underline{\hspace{2cm}}$$

$$y = x + 5$$

$$b = \underline{\hspace{2cm}}$$

$$m = \underline{\hspace{2cm}}$$

Solution:

