

Please complete the following problems for homework. Check Mrs. Kent's website for due dates.
THERE MAY BE PROBLEMS ON THE BACK!

1. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper.
Be sure to clearly label the problem number.

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

Slope: _____

Y-Intercept: _____

2. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper.
Be sure to clearly label the problem number.

$$y = -3x + 1$$

Slope: _____

Y-Intercept: _____

3. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper.
Be sure to clearly label the problem number.

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

Slope: _____

Y-Intercept: _____

4. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper.
Be sure to clearly label the problem number.

$$y = 4x$$

Slope: _____

Y-Intercept: _____

5. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper. Be sure to clearly label the problem number.

$$y = 3$$

Slope: _____

Y-Intercept: _____

6. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper. Be sure to clearly label the problem number.

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

Slope: _____

Y-Intercept: _____

7. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper. Be sure to clearly label the problem number.

$$x = -4$$

Slope: _____

Y-Intercept: _____

8. Identify the slope and the y-intercept. Then graph the equation on the attached graph paper. Be sure to clearly label the problem number.

$$y = -x - 1$$

Slope: _____

Y-Intercept: _____