Graphing 3 ways

Name_____
Pd_____

Graph each of the following equations on the graph below and label the equation. Check your answer with a graphing calculator.

1. Graph using **y = mx + b.**
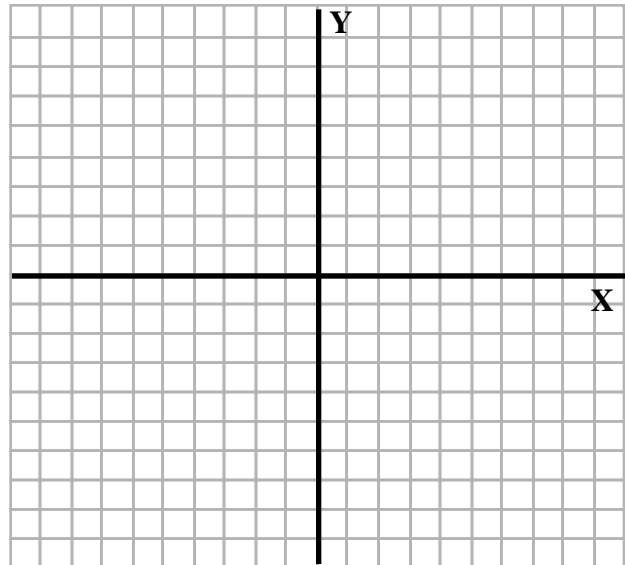   a) **y = 3x - 4**
        m =   b =

    b) **y = x + 1**
        m =   b =

    c) **y = -2x + 2**
        m =   b =

    d) **y = -x - 3**
        m =   b =

2. Graph using **x- and y-intercepts.**
    a) **2x + 3y = 6**
        x-int: y-int:

    b) **x - 2y = -8**
        x-int: y-int:

    c) **-3x + y = -3**
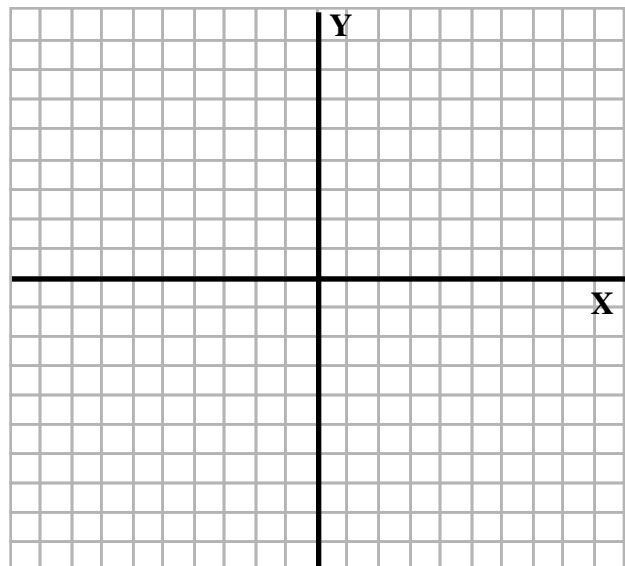   x-int: y-int:

    d) **-4x - 2y = 6**
        x-int: y-int:

3. Graph using **a table.**
    a) y = 2x – 1   b) 2x + y = 4