

Graph Linear Equations

Find the x-intercept of the line (No Graph).

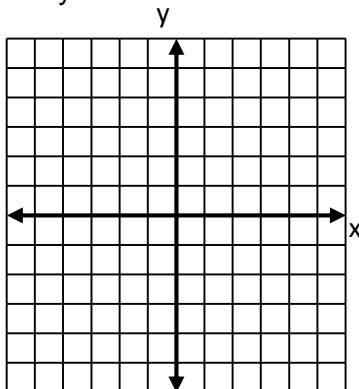
1. $x - 27y = 4$
2. $2x - 3y = 6$
3. $-6x - 4y = 42$

Find the y-intercept of the line (No Graph).

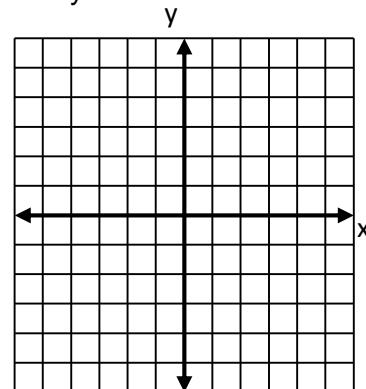
4. $3x - 4y = 16$
5. $-6x + y = -24$
6. $-x + 8y = 40$

Graph the following equations that are written in standard form. Sketch the line. Label the x- and y-intercepts.

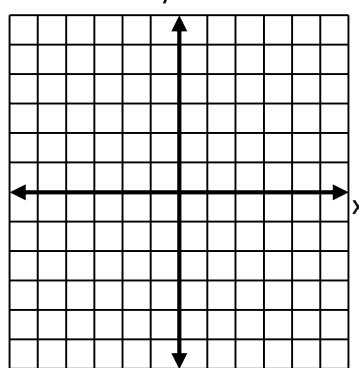
7.) $2x + y = 6$



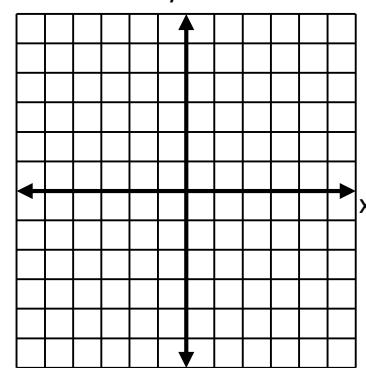
8.) $3x + 4y = 12$



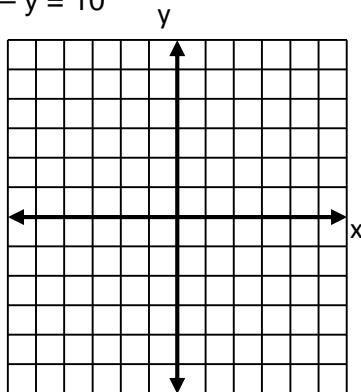
9.) $2x + y = 4$



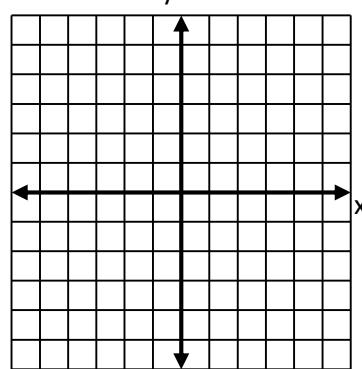
10.) $5x + y = 10$



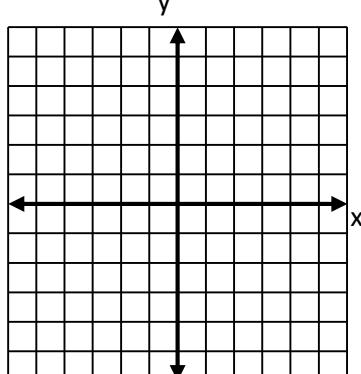
$$11.) \ 5x - y = 10$$



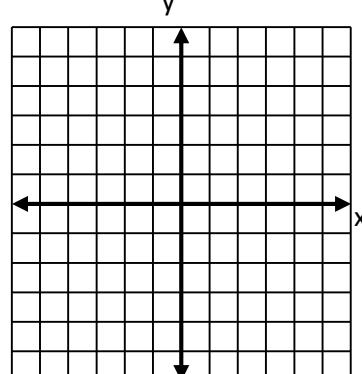
$$12.) \ x - y = 5$$



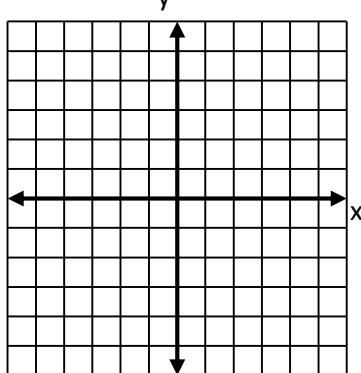
$$13.) \ 3x + 4y = -12$$



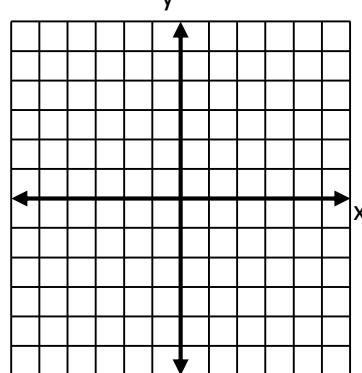
$$14.) \ 2x + y = -4$$



$$15.) \ 2x + y = -6$$

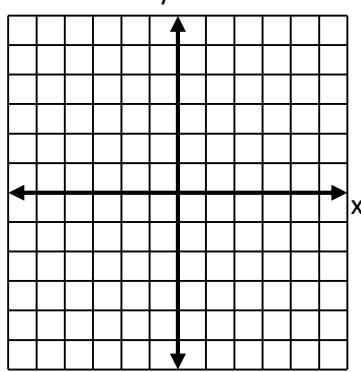


$$16.) \ 4x - y = -8$$

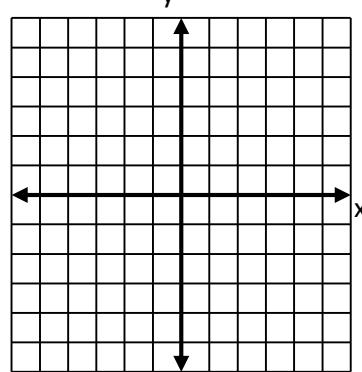


Graph

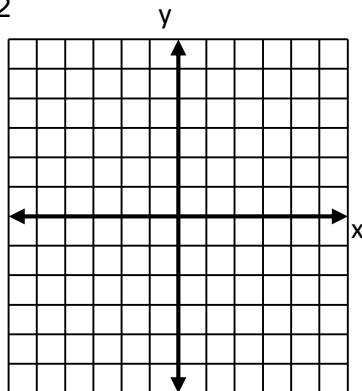
$$17.) \ y = -15$$



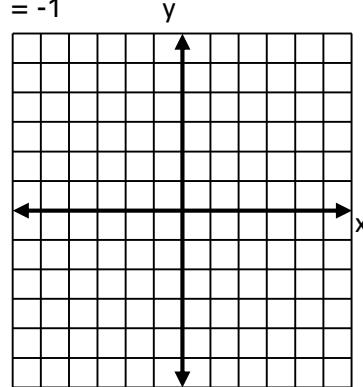
$$18.) \ x = 7$$



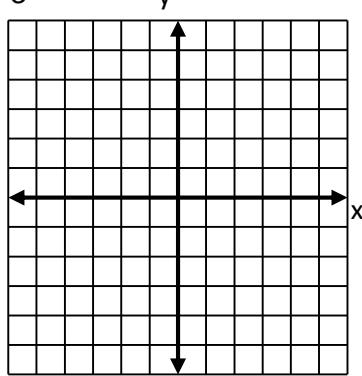
19.) $x = 2$



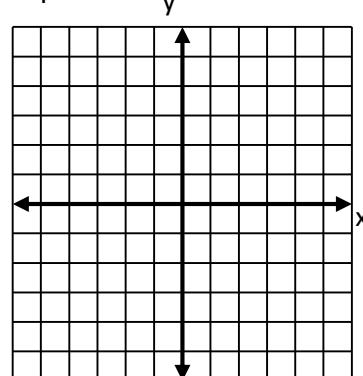
20.) $x = -1$



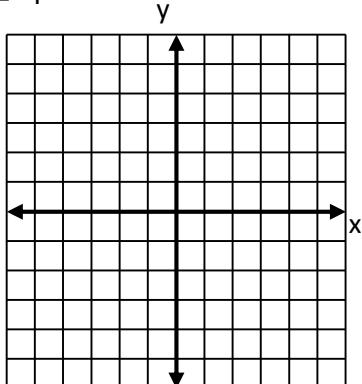
21.) $y = 3$



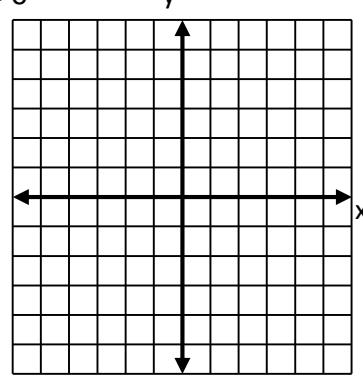
22.) $x = -4$



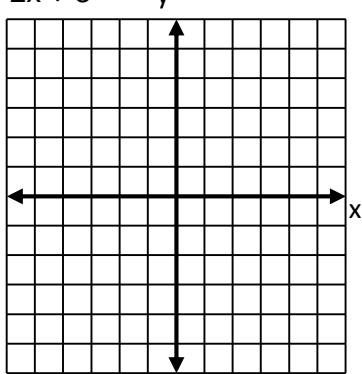
23.) $y = -1$



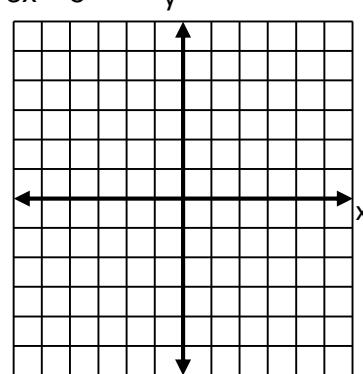
24.) $y = 6$



25.) $y = 2x + 3$

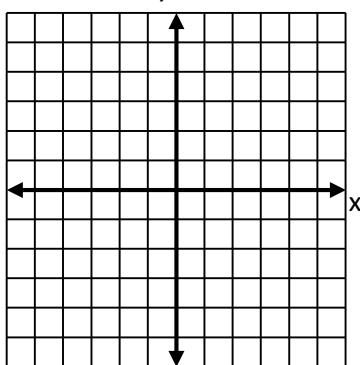


26.) $y = 3x - 5$

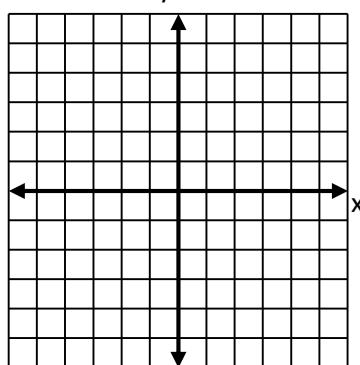


**Graph the following equations that are written in slope-intercept form.
Use T-tables to help plot points.**

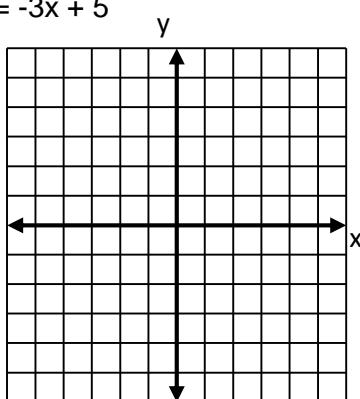
27.) $y = 3x - 2$



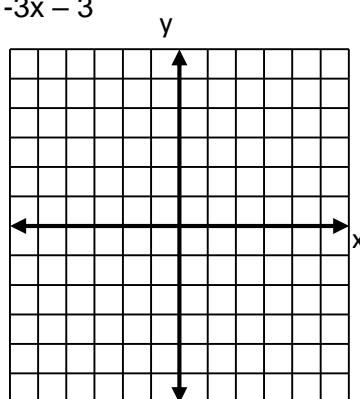
28.) $y = -2x + 2$



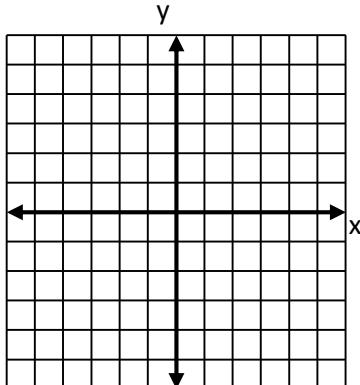
29.) $y = -3x + 5$



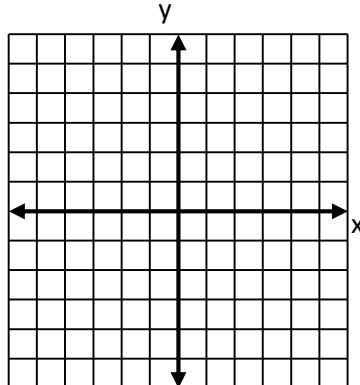
30.) $y = -3x - 3$



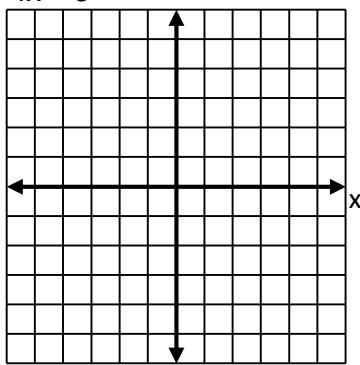
31.) $y = -4x - 4$



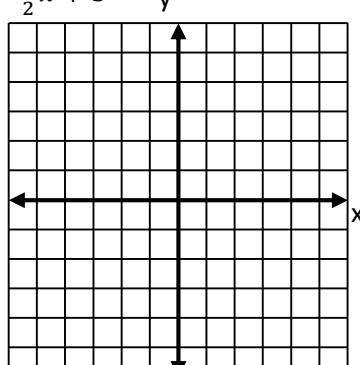
32.) $y = -2x + 1$



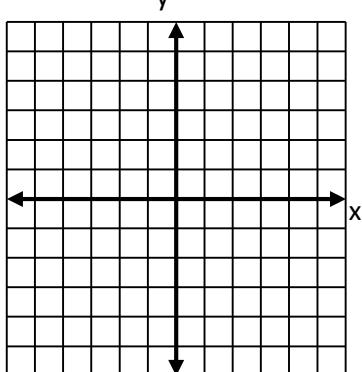
33.) $y = 4x - 5$



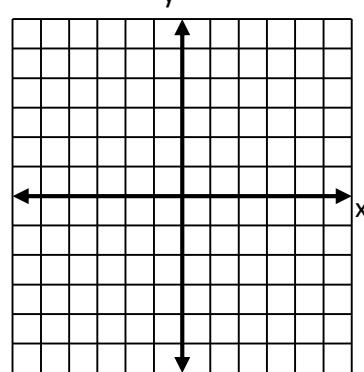
34.) $y = \frac{1}{2}x + 3$



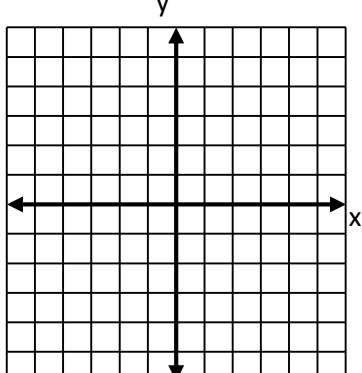
35.) $y = \frac{1}{3}x - 2$



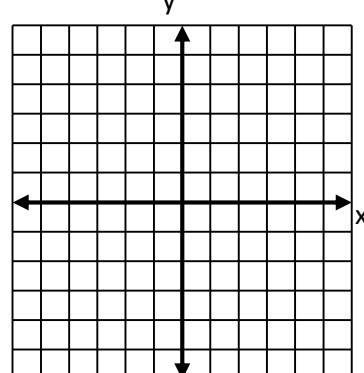
36.) $y = \frac{1}{5}x + 2$



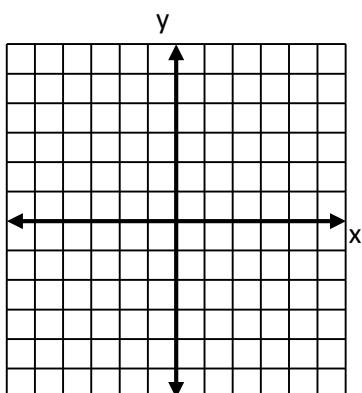
37.) $y = \frac{-1}{2}x - 2$



38.) $y = \frac{-1}{3}x + 3$



39.) $y = \frac{-1}{4}x - 2$



40.) $y = \frac{1}{3}x + 1$

