

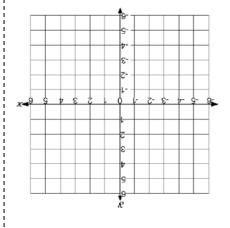
x-intercept:

Slope:

$$01 + \chi \xi - = (\xi + x\xi) \Delta$$

standard form first. Then find the slope, both intercepts, and graph. Rewrite the equation of the line in either slope-intercept form or

Example 3 Other forms



Slope:

 $\frac{B}{C}$ e the y-int is

x-intercept:

<u>y-intercept</u>:

 $\zeta I = \sqrt{9 + x\zeta}$

more points the slope to locate decimals) and use (avoid fractions or

of the intercepts to draph plot either

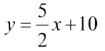
e the slope is

Example 2 Standard form

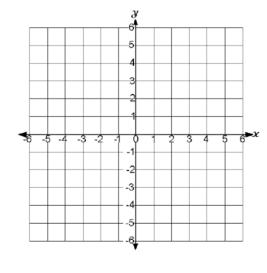
Example 1 Slope-intercept form

$$y = mx + b$$

- m is the slope (0,b) is the y-int
- to find the x-int (x,0) substitute 0 for y and solve for x
- to graph plot either of the intercepts (avoid fractions or decimals) and use the slope to locate more points



- Slope:
- <u>y-intercept</u>:
- x-intercept:



Slope-intercept Form:

$$y = mx + b$$

where m is the slope and (0,b) is the y-intercept

Standard Form:

$$Ax + By = C$$

x-int $(\frac{c}{A}, 0)$, y-int $(0, \frac{c}{B})$, $m = \frac{-A}{B}$

Intercepts:

Points where the line intersects an axis (0,y) and (x,0).