

Name: _____

Date: _____

Period: _____

$y = m x + b$
Slope - Intercept Form

Warm Up

Find the slope of the graph.

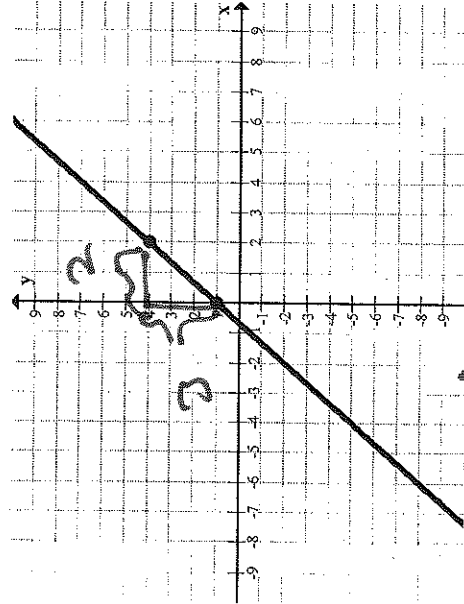
1)

$m = \frac{3}{2}$

$b = 1$

Standard Form

2) Solve the following for y



eq: $y = \frac{3}{2}x + 1$

$$\begin{array}{r|l}
 AX + BY = C & \\
 \hline
 -AX & \\
 \hline
 \frac{BY}{B} & = \frac{-AX + C}{B}
 \end{array}$$

$y = -\frac{A}{B}x + \frac{C}{B}$

Conversion
Slope +
Intercept
Slope Form
 $y = mx + b$