

## Do Now: Graphing inequalities

Show your work. For graphs, use a pencil and straight edge.

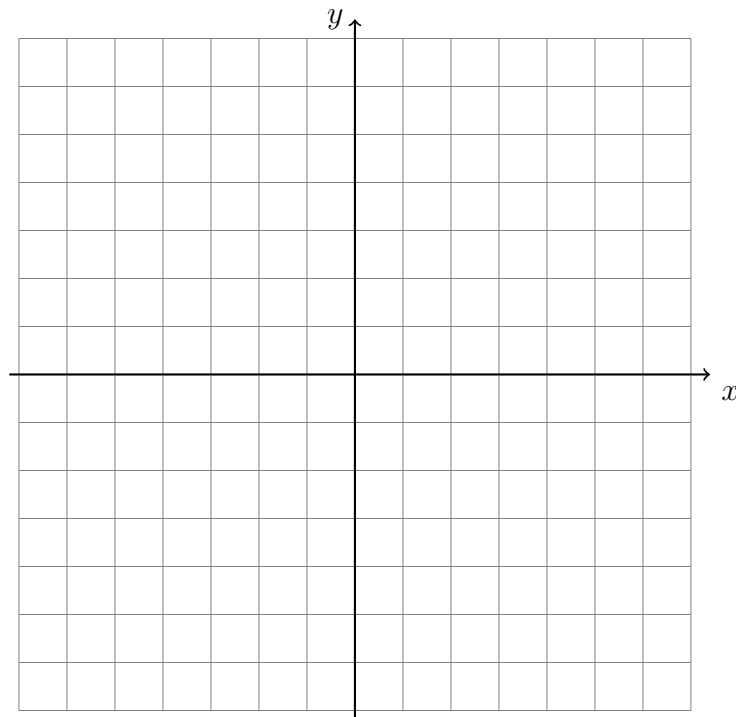
1. Graph the line  $y > \frac{2}{3}x + 1$  after filling in the values in the blanks and circling the correct answer.

$y$ -intercept = \_\_\_\_\_

Slope = \_\_\_\_\_

Line            Solid (=)      Dashed ( $\neq$ )

Shading      Above ( $y >$ )      Below ( $y <$ )



In the following two problems, solve for the value of  $x$ .

2.  $11 = 2x + x - 1$

3.  $\frac{1}{3}(6 - 3x) = 11$