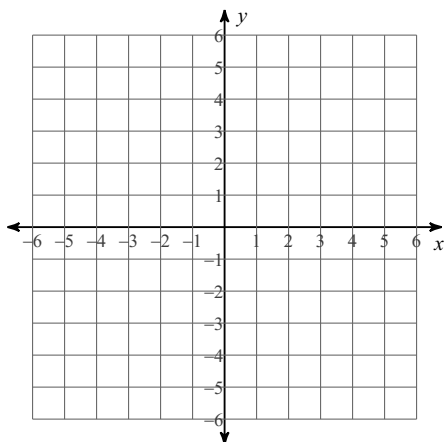


3.1 TEST REVIEW

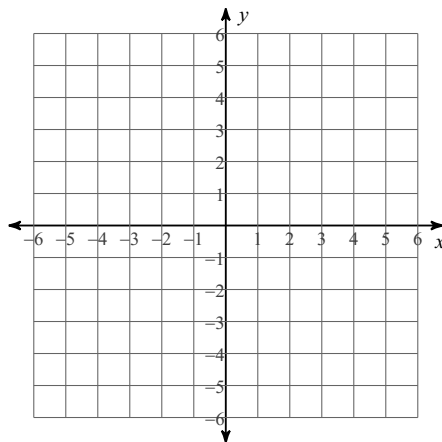
Sketch the graph of each line.

Use any method you would like (show your work so I know what you are doing!)

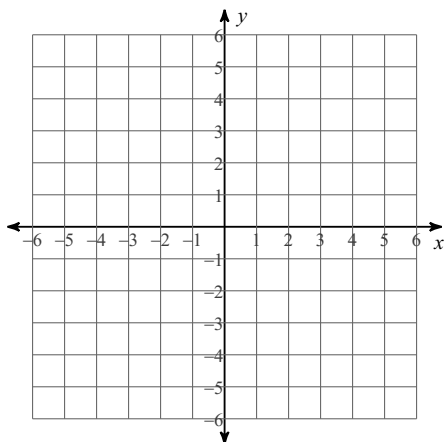
1) $y = -\frac{3}{5}x + 3$



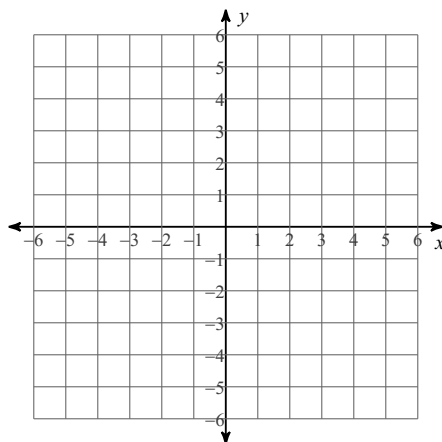
2) $x = 2$



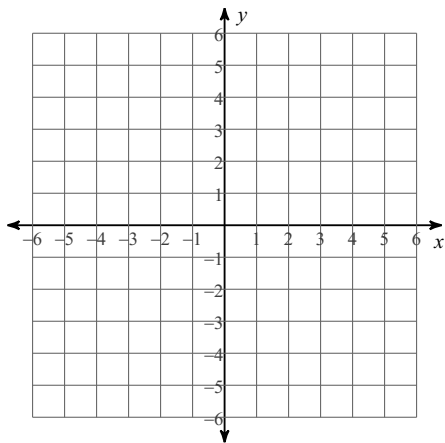
3) $y = 3x$



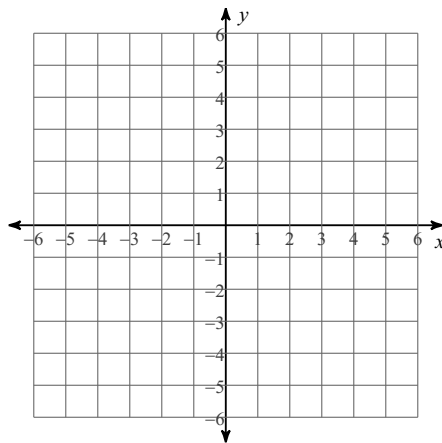
4) $y = -x$



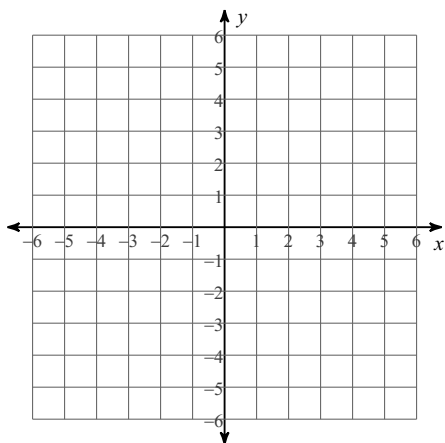
5) $x + 3y = 3$



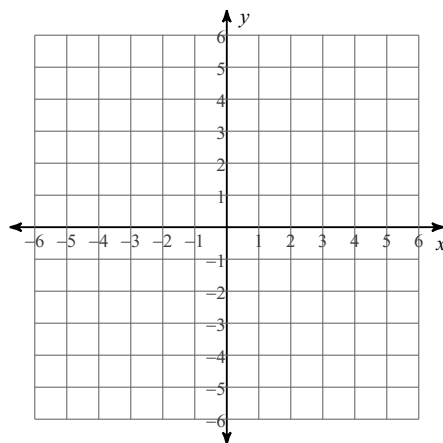
6) $7x + y = -3$



7) $4x + 3y = 3$



8) $x - y = 4$



Follow the instructions for the following questions.

9) $4x + 7y = -14$

a) Write in slope-intercept form:

b) Identify the slope.

c) Identify the y-intercept.

10) $\frac{4}{3}y + \frac{1}{6}x = 8$

a) Write in slope-intercept form:

b) Identify the slope.

c) Identify the y-intercept.

11) $y = -\frac{2}{5}x - 7$

a) Write in standard form:

b) Find the x-intercept.

c) Find the y-intercept.

12) $y = \frac{1}{4}x + \frac{5}{8}$

a) Write in standard form:

b) Find the x-intercept.

c) Find the y-intercept.

13) Create a linear equation.

The slope in your equation must be the same as the slope in this function $5x + 6y = -12$.

The y-intercept must be the same as the one in this function $-x + 2y = 6$.

Put your equation in slope-intercept form AND standard form. CIRCLE THEM BOTH.

14) Create a linear equation.

The slope in your equation must be STEEPER than the slope in this function $-x + 4y = -8$.

The y-intercept must be LESS than the one in this function $7x + 4y = 16$.

Put your equation in slope-intercept form AND standard form. CIRCLE THEM BOTH.