

## Exercise 56

For the following exercises, sketch the graph of each equation.

$$3x - 5y = 15$$

### Solution

Solve the given equation for  $y$ .

$$-5y = -3x + 15$$

$$y = \frac{3}{5}x - 3$$

This line has a slope of  $3/5$  and passes through the  $y$ -axis at  $-3$ .

