

## Exercise 16

Sketch a line with a  $y$ -intercept of  $(0, 5)$  and slope  $-\frac{5}{2}$ .

### Solution

Use the point-slope formula to get the equation of this line.

$$y - 5 = -\frac{5}{2}(x - 0)$$

$$y - 5 = -\frac{5}{2}x$$

$$y = -\frac{5}{2}x + 5$$

