

Exercise 55

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

$$\frac{x}{3} - \frac{y}{4} = 1$$

Solution

Solve the given equation for y .

$$-\frac{y}{4} = -\frac{x}{3} + 1$$

$$y = \frac{4}{3}x - 4$$

This line has a slope of $4/3$ and passes through the y -axis at -4 .

