Solving Proportions and Solving for y

Search and Rescue

Solve for x

$$\frac{4}{5} = \frac{x}{8}$$

Graph the equation

$$y = \frac{1}{2}x - 3$$

Solve for x

$$\frac{x+4}{3} = \frac{2}{9}$$

Solve for y and then
Graph the equation

$$2x + 5y = 10$$

Solve for x

$$\frac{3x+2}{5x} = \frac{2}{7}$$

Solve for y and then
Graph the equation

$$8x + 2y = -4$$

Solve for x

$$\frac{2}{5} = \frac{2x+1}{7x-3}$$

Solve for y and then
Graph the equation

$$2x + 2(y - 5) = -4$$

Solve for x

$$2x + 2(x - 5) = 4 - 3(x + 1)$$