

# Warm-ups

Algebra 1.3

Solve the equation

1.  $2(x - 4) - 7x = 10$

2.  $\frac{4}{5}x - \frac{3}{2}x = 2$

3.  $\frac{4}{3}x - \frac{3}{5}x = \frac{7}{30}$

4.  $2x - 4 = 10 + 5x$

5.  $3(6x - 2) = -5(x - 5)$

Solve the equation

1.  $\frac{1}{2}(x - 4) = 10$

2.  $\frac{2}{5}(5x - 1) = 4$

3.  $\frac{-2}{3}(6x - 3) = 10$

Solve the equation

$$1. \quad \frac{2x-5}{4} = \frac{3x+1}{5}$$

$$2. \quad \frac{x-3}{6} = \frac{x+1}{3}$$

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