

Warm-ups

Solving equations with fractions

Solve the equation

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

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

3. $\frac{7}{4}x + \frac{5}{2} = 4$

4. $\frac{4}{7}x + \frac{8}{3} = -1$

Solve the equation

1. $\frac{2}{3}(x-3) = 4$

2. $\frac{4}{7}(x-6) = 4$

3. $\frac{7}{5}(x-2) = 4$

4. $\frac{4}{9}(2x-5) = 1$

Solve the equation

$$1. \quad \frac{3x-1}{4} = \frac{2x-4}{7}$$

$$2. \quad \frac{5x+3}{6} = \frac{7x-2}{5}$$

$$3. \quad \frac{2x+1}{5} = \frac{3x-4}{7}$$

$$4. \quad \frac{-2x+3}{4} = \frac{5x-2}{6}$$

Solve the equation

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

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

$$3. \quad \frac{7}{3}(x - 2) = 4$$

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

$$5. \quad \frac{2x + 1}{7} = \frac{3x - 4}{9}$$

$$6. \quad \frac{-2x + 3}{5} = \frac{5x - 2}{3}$$