



N5 - Relationships

Worksheet 3

Gold Level



Outcome 1 - Equations with Fractions

Solve the following equations...

1

$$\frac{x}{2} = 9$$

2

$$\frac{3x - 9}{4} = 6$$

3

$$\frac{x}{3} + \frac{x}{4} = 7$$

4

$$5x - 11 = \frac{x + 13}{4}$$

5

$$\frac{x + 6}{3} + \frac{x - 1}{2} = 5$$

Outcome 2 - Inequalities with Fractions

Solve the following inequalities...

1

$$\frac{x}{4} < 9$$

2

$$\frac{2x - 3}{9} \geq 1$$

3

$$\frac{x}{2} + \frac{x}{5} > 14$$

4

$$3x - 7 < \frac{x + 23}{5}$$

5

$$\frac{x + 2}{3} + \frac{x - 6}{9} \leq 4$$