Outcome 1 - Equations with Fractions

Solve the following equations…

1 $\dfrac{x}{2} = 9$

2 $\dfrac{3x - 9}{4} = 6$

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

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

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

Outcome 2 - Inequalities with Fractions

Solve the following inequalities…

1 $\dfrac{x}{4} < 9$

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

3 $\dfrac{x}{2} + \dfrac{x}{5} > 14$

4 $3x - 7 < \dfrac{x + 23}{5}$

5 $\dfrac{x + 2}{3} + \dfrac{x - 6}{9} \leq 4$