

Equations & Inequalities Past Paper Questions

- 1) Solve the equation
$$5 + 3a = a - 15$$
 3
- 2) Solve the equation
$$5 - 2(1 + 3x) = 27$$
 3
- 3) Solve the equation
$$x - 2(x + 1) = 8$$
 3
- 4) Solve algebraically the equation
$$\frac{2}{x} + 1 = 6$$
 3
- 5) Solve the equation
$$3x + 1 = \frac{x-5}{2}$$
 3
- 6) Solve algebraically the equation
$$2x - \frac{(3x-1)}{4} = 4$$
 3
- 7) Solve algebraically the equation
$$\frac{x}{2} - \frac{(x+1)}{3} = 4$$
 3
- 8) Solve algebraically the equation
$$\frac{m}{3} = \frac{(1-m)}{5}$$
 3
- 9) Solve algebraically the inequality
$$2 + 5x \geq 8x - 16$$
 3
- 10) Solve the inequality
$$4x - 5 \leq 7x - 20$$
 3
- 11) Solve the inequality
$$5 - x > 2(x + 1)$$
 3
- 12) Solve algebraically the inequality
$$2y < 3 - (y + 6)$$
 3
- 13) Solve algebraically the inequality
$$11 - 2(1 + 3x) < 39$$
 3
- 14) Solve the inequality
$$\frac{x}{4} - \frac{1}{2} < 5$$
 3