



Leith Academy National 5 Home Learning



EQUATIONS AND INEQUATIONS

NON-CALCULATOR

Solve the following.

1) $6x - 2 = 4x + 12$

2) $9(x + 1) = 3(7 - 3x)$

3) $5(3x + 6) + 2 = -7(x - 4) - 5x$

4) $\frac{2x}{3} + 8 = \frac{3x}{2} + 10$

5) $3x - 7 > 5x + 19$

6) $4(x - 11) \leq 7x + 9$

7) $6 - 6x < \frac{x}{2} + 2$

8) $\frac{4}{x} \geq x$