

## Solving Equations and Inequalities Revision

<b>(a)</b> Solve $4x = 9$ $x = \frac{9}{4}$	<b>(b)</b> Solve $3x - 1 = 14$ $x = 5$	<b>(c)</b> Solve $5x + 11 = 4$ $x = -\frac{7}{5}$	<b>(d)</b> Solve $x + 4 > 13$ $x > 9$
<b>(e)</b> Solve $6x + 5 = 3x - 10$ $x = -5$	<b>(f)</b> Solve $2x - 7 \leq x + 1$ $x \leq 8$	<b>(g)</b> Solve $\frac{2x+6}{5} = x$ $x = 2$	<b>(h)</b> Solve $2(x - 3) < 18$ $x < 12$
<b>(i)</b> Solve $4x + 5 = 17 - x$ $x = \frac{12}{5}$	<b>(j)</b> Solve $x^2 = 25$ $x = 5 \text{ or } x = -5$	<b>(k)</b> Solve $\frac{x-3}{2} = \frac{2x+1}{5}$ $x = 17$	<b>(l)</b> Solve $\frac{9}{2x} + \frac{3}{x} = 5$ $x = \frac{3}{2}$