Solving Compound Inequalities

(a)	(b)	(c)	(d)
Solve $4 < 2x < 12$	Solve $-1 < x + 2 \leq 7$	Solve $5 \leq x - 1.5 < 8.5$	Solve $6 \leq -3x \leq 30$

(e)	(f)	(g)	(h)
Solve $3 \leq \frac{x}{5} < 3.2$	Solve $-3 \leq 2x - 1 \leq 7$	Solve $-1 < 5 - x < 0$	Solve $\frac{3}{4} < 1 - 2x \leq \frac{9}{2}$

(i)	(j)	(k)	(l)
Solve $-9 < 3(2 + x) \leq 6$	Solve $-4 < \frac{3x-5}{2} + 3 \leq 10$	Solve $x - 2 < 3x + 1 \leq 19$	Solve $-1 \leq 2x + 1 < x + 8$