|  |
| --- |
| **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 $-9<3\left(2+x\right)\leq 6$ | Solve $-4<\frac{3x-5}{2}+3\leq 10$ | Solve $x-2<3x+1\leq 19$ | Solve $-1\leq 2x+1<x+8$ |