**3D Linear Inequalities**

1. Find the set of values of x for which:
2. $2x-5<7$
3. $5x+9\geq x+20$
4. $12-3x<27$
5. $3\left(x-5\right)>5-2(x-8)$
6. Find the set of values of x for which:
7. $3x-5<x+8$ and $5x>x-8$
8. $x-5>1-x$ and $15-3x>5+2x$
9. $4x+7>3$ and $17<11+2x$