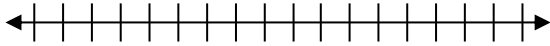## 3-4 Solve Multi-Step Inequalities
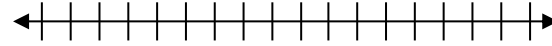
Solve each inequality and graph the solutions.

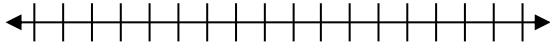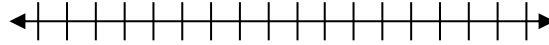1. $3f - 12 < -24$ 2. $\frac{4}{5}x - 8 \geq -4$

3. $2(3 - 4z) \leq -6z$ 4. $4(k - 6) + 8 \geq 8(k + 3)$

Identify a variable and write an inequality to represent the situation. Then solve it.

5. Brad has a budget of $100 for going to the gym. The gym he uses charges $25 for a monthly membership and $4.50 per visit. How many times can Brad go to the gym and spend no more than $100?