

## 1-5 Solving Inequalities

## Objective: Solve Inequalities.

Solve real-world problems involving inequalities.
For any two real numbers, a and b, exactly one of the following is true.

$$
a<b, a=b, a>b
$$

Whenever you multiply or divide by a negative number, flip the inequality symbol.

Solve each and graph the solution.
Ex 1) $4 y-3<5 y+2$

Ex 2) $-.25 y \geq 2$


