Recap: Linear Inequalities

Solving linear inequalities is very similar to solving linear equations

Multiplying or dividing by a negative number causes the inequality to be reversed

Ex2
$$3x - 7 \geqslant 8x + 23$$

$$3x - 8x > + 23 + 7$$

$$-5x > + 30$$

$$x \leq \frac{+30}{-5}$$

$$x \leq -6$$

Representing Inequalities On A Number Line

