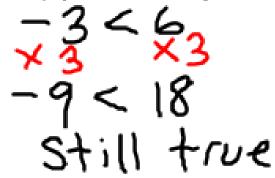
-3 < 6 Is it true? **3 < 5**

Multiply each side by 3. Is it still true?



Divide each side by 3. Is it still true?

Multiply each side by -3. Is it still true?

Divide each side by -3. Is it still true?

When solving inequalities you are allowed to multiply or divide by a pasitive number. There is a special rule when you multiply or divide by a negative number We must reverse the inequality sign when multiplying or dividing both sides by a negative number to keep the inequality true!

ex. solve and graph the following inequalities

