

Essential Revision





STRATEGIES TO SOLVE THE PROBLEMS

Solving inequalities and solving equations have many similarities.

Example 1

Solve for the unknown and graph the solution on the number line.

x + 4 > 3

Step 1

To isolate the variable x subtract 4 from both sides of the inequality. Note that the inequality sign remains the same.









Solve for the unknown and graph the solution on the number line.

 $x - 6 \le -5$

Step 1

To isolate the variable x add 6 to both sides of the inequality. Note that the inequality sign remains the same.



Step 2

Graph the solution on a number line.













