Some people find that all they need to remember is ...   small side $<$ large side

large side $>$ small side.

Other people prefer to remember the names of the signs

In maths	What it means in English
$\star < x$	$\star$ is smaller than x
$x > \star$	x is bigger than $\star$
$\star \leq x$	$\star$ is smaller than, or equal to x
$\star \leqslant x$	$\star$ is smaller than, or equal to x
$x \geq \star$	x is bigger than, or equal to $\star$
$x \geqslant \star$	x is bigger than, or equal to $\star$
$x < \star$	x is smaller than $\star$
$\star > x$	$\star$ is bigger than x
$x \leq \star$	x is smaller than, or equal to $\star$
$x \leqslant \star$	x is smaller than, or equal to $\star$
$\star \geq x$	$\star$ is bigger than, or equal to x
$\star \geqslant x$	$\star$ is bigger than, or equal to x
$\star < x < \bigstar$	x is between $\star$ and $\bigstar$ but not equal to $\star$ or $\bigstar$
$\star \leq x \leq \bigstar$	x is between $\star$ and $\bigstar$ and may be equal to $\star$ or $\bigstar$
$\star \leqslant x \leqslant \bigstar$	x is between $\star$ and $\bigstar$ and may be equal to $\star$ or $\bigstar$
$\star < x \leq \bigstar$	x is between $\star$ and $\bigstar$ but not equal to $\star$ and may be equal $\bigstar$
$\star < x \leqslant \bigstar$	x is between $\star$ and $\bigstar$ but not equal to $\star$ and may be equal $\bigstar$
$\star \leq x < \bigstar$	x is between $\star$ and $\bigstar$ and may be equal to $\star$ but not equal to $\bigstar$
$\star \leqslant x < \bigstar$	x is between $\star$ and $\bigstar$ and may be equal to $\star$ but not equal to $\bigstar$
List all the possible values of x	Write down all the numbers x can be
x is an integer	x is a whole number, not a decimal

1. All the inequalities between the lines mean the same thing

   See if you can figure out why.

   Decide which way you want to remember the inequality signs.