



Air maths tuition

Interact, engage and perform

Inequalities - Reversing the inequality sign

A number line is drawn at the top, ranging from -6 to 6 with tick marks at every integer.

Below the number line, two inequalities are boxed in red: $2 < 6$ and $4 > -2$.

A table of operations follows, showing how the inequality sign changes when multiplying or dividing by a negative number:

$\div 2$	$1 < 3$	$2 > -1$
$\div -2$	$-1 > -3$	$-2 < 1$
$\times 2$	$4 < 12$	$8 > -4$
$\times -2$	$-4 > -12$	$-8 < 4$
$+ 3$	$5 < 9$	$7 > 1$
$- 5$	$-3 < 1$	$-1 > -7$

A blue play button icon is located in the bottom right corner of the grid.

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