



Air maths tuition

Interact, engage and perform

Inequalities | Solving a simultaneous double linear inequality

$$4 < 5x - 1 < x + 11$$

$\therefore 4 < 5x - 1$		$\therefore 5x - 1 < x + 11$
$\therefore 5 < 5x$		$\therefore 5x < x + 12$
$\therefore 1 < x$		$\therefore 4x < 12$
$\therefore x > 1$		$\therefore x < 3$

$$1 < x < 3$$

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