



Air maths tuition

Interact, engage and perform

## Factorising : Quadratic (trinomial) Expressions Part 2 Tut 2

Factorise  $5x^2 - 23x + 12$ ,  $10x^2 - 46x + 24$

	-12	-1
	-1	-2
	-4	-3
	-6	-2

$$5x^2 - 23x + 12 \equiv (5x - 3)(x - 4)$$
$$10x^2 - 46x + 24 \equiv 2(5x^2 - 23x + 12)$$
$$\equiv 2(5x - 3)(x - 4)$$

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$$(5x - 3)(x - 4) \equiv 5x^2 - 20x - 3x + 12$$

With the acknowledgement of [Exam Solutions](#).  
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Exam Solutions

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