



Air maths tuition

Interact, engage and perform

Factorising : Quadratic (trinomial) Expressions Part 1

$$\begin{array}{l|l} (x+3)(x+4) \equiv x^2 + 4x + 3x + 12 & (x-5)(x+2) \equiv x^2 + 2x - 5x - 10 \\ \equiv x^2 + 7x + 12 & \equiv x^2 - 3x - 10 \end{array}$$

Factorise $x^2 + 3x + 2$, $x^2 - 5x + 6$, $x^2 + 2x - 8$, $x^2 - 2x - 3$

$$x^2 + 3x + 2 \equiv (x + 2)(x + 1)$$

$$x^2 - 5x + 6 \equiv (x - 3)(x - 2)$$

$$x^2 + 2x - 8 \equiv (x + 4)(x - 2)$$

$$x^2 - 2x - 3 \equiv (x - 3)(x + 1)$$

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Exam Solutions

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