



Air maths tuition

Interact, engage and perform

What is meant by Factorising? What is a Factor?

$$2x(4x-3) \equiv 8x^2 - 6x$$

So

$$8x^2 - 6x \equiv \underline{2x(4x-3)}$$

factors 2, x and $(4x-3)$

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

$$\equiv x^2 - 5x + 6$$

So

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

factors are $(x-3)$ and $(x-2)$



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