



Air maths tuition

Interact, engage and perform

Partial Fractions - Summary examples

$$\frac{2x}{(x+5)(3x-7)} \equiv \frac{A}{x+5} + \frac{B}{3x-7}$$

$$\frac{7x+5}{(x-3)^2} \equiv \frac{A}{x-3} + \frac{B}{(x-3)^2}$$

$$\frac{5x-3}{(6x-5)(3x+1)^2} \equiv \frac{A}{6x-5} + \frac{B}{3x+1} + \frac{C}{(3x+1)^2}$$

$$\frac{4x-3}{(x+1)(x-3)(3x+5)} \equiv \frac{A}{x+1} + \frac{B}{x-3} + \frac{C}{3x+5}$$



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