23	e.g. $\frac{3}{x+7}\times\frac{2}{x+6}+\frac{4}{x+7}\times\frac{3}{x+6}+\frac{x}{x+7}\times\frac{x-1}{x+6}(=\frac{3}{8})$ **or** e.g. $\frac{3}{N}\times\frac{2}{N-1}+\frac{4}{N}\times\frac{3}{N-1}+\frac{N-7}{N}\times\frac{N-8}{N-1}(=\frac{3}{8})$ oe		4	M2	for all correct products and intention to add (M1 for one correct product)
	$5x^2 - 47x + 18 = 0$ oe ($x = 9$) **or** $5N^2 - 117N + 592 = 0$			M1	Correct quadratic equation
		16		A1	dep on M3
					Total 4 marks

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