

Advanced Higher Maths  
SQA 2025 Paper 2  
Question 3



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Express  $\frac{2x^2 - 18x + 4}{(x-1)(x-3)(x+5)}$  in partial fractions.

3

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Answer:

$$\frac{1}{x-1} - \frac{2}{x-3} + \frac{3}{x+5}$$