

**Advanced Higher Maths
SQA 2017 Paper
Question 2**

Express $\frac{x^2 - 6x + 20}{(x+1)(x-2)^2}$ in partial fractions.

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Answer:

$$\frac{3}{(x+1)} - \frac{2}{(x-2)} + \frac{4}{(x-2)^2}$$