Cambridge International AS & A Level

Mathematics

9709/32

Paper 3 Pure Mathematics 3

May/June 2025

Question No (2)

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Question No (2)

- (a) Expand $(6-x)(1-2x)^{-\frac{3}{2}}$ in ascending powers of x, up to and including the term in x^2 , simplifying the coefficients.
- (b) State the set of values of x for which the expansion is valid.

Solution:

