

Higher Maths  
SQA 2024 Paper 1  
Question 8



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The equation  $x^2 + (m - 4)x + (2m - 3) = 0$  has no real roots.

Determine the range of values for  $m$ .

4

Justify your answer.

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Answer:

$2 < m < 14$  with eg labelled  
sketch or table of signs