

Advanced Higher Maths
SQA 2025 Paper 2
Question 4



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- (a) Use the Euclidean algorithm to find d , the greatest common divisor of 1118 and 416. 1
- (b) Hence find integers a and b such that $1118a + 416b = d$. 2
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Answers:

(a) 26

(b) $a = 3$, $b = -8$