

Higher Maths Summer 2019 P1 Q1

(a) Express 315 as a product of its prime factors in index form. [3]

(b) What is the Highest Common Factor (HCF) of 315 and 42? [2]

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Higher Maths June 2017 P1 Q3a

(a) Express 700 as a product of its prime factors in index form. [3]

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Higher Maths Sample 1 P2 Q2

(a) Express 144 as the product of its prime factors in index form. [3]

(b) Given that  $60 = 2^2 \times 3 \times 5$ , find

(i) the highest common factor (HCF) of 144 and 60, [1]

(ii) the lowest common multiple (LCM) of 144 and 60. [1]

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Higher Maths Nov 2017 P2 Q5

Find the answer to the following number problem. [5]

'(the LCM of 12, 18 and 24)  $\div$  (the HCF of 36 and 54).'

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Higher Maths Summer 2018 P2 Q4a

(a) The highest common factor (HCF) of 30 and 75 is the square root of a number.  
What is the number? [2]

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