

1 Write down the value of  $7^2$

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**(Total for Question 1 is 1 mark)**

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2 Work out  $3^2$

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**(Total for Question 2 is 1 mark)**

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3 Write 500 as a product of powers of its prime factors.

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**(Total for Question 3 is 3 marks)**

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4 Simplify  $(2^{-5} \times 2^8)^2$

Give your answer as a power of 2

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**(Total for Question 4 is 2 marks)**

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