

Answer ALL TWENTY SEVEN questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

- 1** Factorise $2x^3 - 6xz + x^2z - 3z^2$

.....
(Total for Question 1 is 2 marks)

- 2** Find the Highest Common Factor (HCF) of 126 and 612

.....
(Total for Question 2 is 2 marks)

- 3** On a journey of 960 kilometres, David's car used 91 litres of petrol.

Given that 4.55 litres = 1 gallon, calculate the number of kilometres per gallon that David's car used on the journey.

..... kilometres per gallon
(Total for Question 3 is 2 marks)

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