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)