Name: Class: Mark:

1. A survey is carried out amongst 550 people to gauge public opinion for a planned housing development. The ratio of people who liked the plans to those that did not, was 10 : 1.

How many people liked the building? [2]

2. of the annual budget of a manufacturing company is spent on rivets.

The annual cost of rivets is £390. Work out the annual budget of the company. [5]

3. The ratio of two metals, iron and nickel, present in an alloy were shown to be 4 : 3 respectively. If the alloy has a weight of 50 g, work out the weights of the two metals. [4]

4. A car manufacturer has increased its use of metal sheet by from last year.   
The manufacturer uses 10,000 sheets this year. How many sheets did they produce   
last year? Round your answer **up** to the nearest whole sheet. [5]

[Total 16 marks]