**LI: To solve problems involving fractions, percentages and decimals.**

1. If 1200 people go to a football match and 60% leave at half time, how many people are left in the ground for the second half?

2. James Bond rescues the Queen, and saves £1,000,000 in gold bars. As a reward the Queen gives him 15% of the gold. How much has he been given in pounds?

3. An Aston Martin Vanquish costs £100,000. If I have to pay VAT (Value Added

Tax) on top of this it will cost me 17% more! How much money am I paying in tax?

4. Katie has 340 gel pens. She gives ¾ of them away. How many does she give away?

5. Rhia has 5 packets of 10 biscuits. She puts three tenths of them on a plate. How many biscuits are on the plate?

6. Mustafa buys 60 sweets. He eats 4/5 of them. How many does he have left?

7. Ryan cuts a piece of string into three lengths. One is 4.2cm long, one is 7.5cm long and the third is 3.9cm long. How long was the string before it was cut?

8. Mareh joins four lengths of wood together. One is 17.45cm long, one is 23.25cm long, one is 16.7cm long and the fourth is 21.97cm long. How long is that altogether?

9. I have three bags of sweets. One weighs 64.1g, one weighs 58.29g and the third weighs 68.4g. How much do they weigh altogether?

10. In a school one corridor is 11m long, another is 14.2m long and the longest is 18.5m long. What is the sum of all their heights?