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

1. If 1200 people go to a football match and 50% 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 10% 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 15% more! How much money am I paying in tax?

4. Katie has 300 gel pens. She gives ¾ of them away. How many does she give away?

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

6. Mustafa buys 50 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 4cm long, one is 7.5cm long and the third is 3.1cm long. How long was the string before it was cut?

8. Mareh joins four lengths of wood together. One is 17.5cm long, one is 23.5cm long, one is 16.2cm long and the fourth is 21.1cm long. How long is that altogether?

9. I have three bags of sweets. One weighs 64g, one weighs 58.2g and the third weighs 68.4g. How much do they weigh altogether?

10. In a school one corridor is 11.2m long, another is 14.1m long and the longest is 18.5m long. What is the sum of all their lengths?