Word Problems with Fractions

**DIVISION (“sharing” type questions)**

1. A wine glass can hold $\frac{2}{9}$ of a litre of wine. How many glasses of wine can be filled with a 3 litre bottle?

2. How many pieces of wood, each $\frac{2}{5}$metres long can be cut from a plank 235m long?

3. If I had to transfer 3 litres of water from one container to another with only a mug which can hold $\frac{1}{8}$ of a litre each time, how many times will I need to use the mug?

4. A sum of £40 is shared between several people so each receives $\frac{2}{7}$ of a pound. How many people receive a share?

5. The Jones family eats $\frac{2}{3}$ of a packet of biscuits every day. How long will 27 packets last the family?

**MULTIPLICATION (“multiple adding” type questions)**

1. Ben eats $\frac{2}{5}$ of a packet of crisps every day. How many packets of crisps will he eat in 30 days?

2. If one sheet of paper is $\frac{2}{5}$ cm thick, how thick is a pad containing 180 sheets?

3. A donkey eats $\frac{3}{5}$ a hay bale a week. How many hay bales does he eat in 24 days?

4. A soldierdrinks$\frac{2}{9}$ of a litre of water a day. How many litres will he need for 14 days?