Maths: Feeding my Family

Meet Mr and Mrs Cook, their children, Louis, Lola and Lottie, and their dog Rover. Solve the following problems to help feed the family.

1. For dinner it's sausages and mash. Mr Cook eats four sausages, Mrs Cook, Louis and Lola each eat 3 sausages and Lottie eats two sausages. Each packet contains six sausages. How many packets of sausages does Mrs Cook need to buy?

2. Today it's Lola's birthday – she is 8. Mr Cook has baked a cake and is just about to put the candles on it. The candles come in packets of 10. What fraction of the packet will Mr Cook use?

3. Rover needs some more dog biscuits. Each packet contains 1kg of biscuits and Rover eats 100g per day. How many days will this packet last?

4. Tonight is movie night. The family are having takeaway pizza. Each pizza is cut into eight pieces. Each person will eat 4 pieces (but Rover is not allowed any!). How many pizzas does the family need to order? And how many pieces will be left over?

5. For dessert it's ice cream. Each scoop weighs 50g. How much ice cream will Mrs Cook need to buy if each person eats three scoops?