Problems that give rise to remainders. Can you work out what to do with the remainder?



1. There are 6 apples in a bag. The cook needs enough apples to feed 40 children. **How many bags must the cook buy?**
2. John wants to buy a computer game costing £3.75. If he saves 50p a week, **how many weeks will he need to save for before he can afford the game?**
3. Mr Abey wants to take 25 children to a football match. Parents have volunteered their cars. Each car can take up to 4 children. **How many cars will he need to transport all the children?**



1. Mrs Brownlow is giving her class a party! She has 28 in the class. Crisps come in big bags of 6. **How many ‘big bags’ will she need to ensure all children get a bag of crisps?**
2. A chocolate company has made 65 limited edition chocolates. They wish to pack them 4 to a box. **How many full boxes can they make? How many chocolates will be left over?**
3. A company packs ice lollies into boxes of 6. Each box has 3 strawberry and 3 blackcurrant lollies. They have made 50 strawberry and 50 blackcurrant lollies.

**How many full boxes can they make?**

1. The office wish to buy new pens for each child in year 4! Pens come in boxes of 8. There are 84 children in year 4. **How many boxes will the office need to buy? How many pens will be left over?**



1. Mrs Thomas is throwing a party! She wants 150 balloons! Balloons come in bags of 12. **How many bags will she need?**



1. The school is putting on its annual summer production. They wish to invite 375 people. Ticket books contain 30 tickets. **How many books will they need to make sure they have enough tickets for all?**



1. A teacher wants her class to get in to groups of 3. She has 34 in the class. **How many children will not be able to form a group of 3?**