

Multi-Step Word Problems

Fractions of Amounts

1. Sarah entered a 100-word story competition. She wrote her story over two evenings. On the first evening, she wrote $\frac{6}{10}$ and on the second evening she wrote the rest.
 - a. How many words did she write on the first evening?
 - b. How many words did she write on the second evening and what fraction was this?
2. Two families, the Smiths and the Taylors, go to a restaurant for a meal. At the end of the night, when they pay their £100 bill, they use a 50% off voucher, which halves their bill. They then split the remaining amount equally between the two families.
 - a. How much does the bill come to after the discount voucher?
 - b. How much does each family pay after the discount voucher has been deducted?
3. There were 120 school children going on a school residential trip. There were 2 coaches, each carrying $\frac{1}{2}$ of the children. On coach B, $\frac{1}{6}$ of the children had medication with them.
 - a. How many children were on each coach?
 - b. How many children had medication on coach B?
4. A retired couple won £400 on the lottery. They decided to give $\frac{3}{4}$ to their family and to spend $\frac{1}{4}$ on a weekend away for themselves.
 - a. How much money did the couple give to their family?
 - b. How much money did they spend on their weekend away?