

Multi-Step Word Problems

Fractions of Amounts

1. Sarah entered a 500-word story competition. She wrote her story over three evenings. On the first evening, she wrote $\frac{2}{5}$, on the second evening she wrote $\frac{3}{10}$, and on the third 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?
 - c. How many words did she write on the third 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 £177 bill, they decide to split the bill equally between the two families. Mr Smith pays for his family's half of the bill. The Taylor family, however, decide to split their half of the bill between each of their family members, each member paying $\frac{1}{3}$ of their family's bill.
 - a. How much do the Smiths pay?
 - b. How much do each member of the Taylor family pay?
3. There were 126 school children going on a school residential trip. There were 3 coaches, each carrying $\frac{1}{3}$ 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 £628.75 on the lottery. They decided to give $\frac{3}{5}$ to their family and to spend $\frac{2}{5}$ 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?