

## Finding fractions of an amount: Problems

1. Daniel had £12 in his pocket. He spent  $\frac{5}{6}$  of his money. How much did Daniel spend? How much money has he left?
2. Kevin walked  $\frac{5}{8}$  of his journey. If the journey was 160km long, how far did he walk?
3. There are 32 pupils in a class.  $\frac{7}{16}$  of them are girls. How many girls are in the class? How many boys are in the class?
4. In an election,  $\frac{9}{10}$  of the electors went out to vote. If there were 30,000 electors, how many voted?
5. A television costs £550 in a shop. In a sale the television will be sold for  $\frac{4}{5}$  of this price. How much will the television cost in the sale? How much money will you save?
6. 65 sweets are shared between Will and James. Will has  $\frac{11}{13}$  of them and James has the remainder. How much will each one get?
7. Arthur earns £600 per week. He pays  $\frac{7}{20}$  of his earnings in tax. How much tax does Arthur pay?
8.  $\frac{3}{10}$  of school pupils are boys and the remainder girls. If there are 1400 pupils in the school, how many are boys and how many are girls?