

Calculating the Total from a Fraction of an Amount **Answers**

1. In a flower shop, $\frac{7}{12}$ of the tulips are red.
If there are 56 red tulips, how many tulips are there in total in the shop? **96 tulips**

2. In a row of houses, $\frac{6}{8}$ have a green front door.
If there are 54 green front doors, how many houses are there in the row in total? **72 houses**

3. In a café, $\frac{3}{4}$ of the table cloths have spots on.
If there are 39 spotty table cloths, how many table cloths are there in total in the café? **52 table cloths**

4. In a car park, $\frac{4}{7}$ of the vehicles have a sun roof.
If there are 60 vehicles with sun roofs, how many vehicles in total are there in the car park? **105 vehicles**

5. In a box of chocolates, $\frac{2}{3}$ of the chocolates have a caramel centre.
If there are 84 caramel centred chocolates, how many chocolates are there in the box in total? **126 chocolates**

6. Daniel swam $\frac{5}{6}$ of the distance needed to receive his next swimming badge.
If he swam 85 metres, what was the total distance that he needed to swim in order to receive the badge? **102 metres**

7. The recipe for a cupcake says to use $\frac{3}{5}$ of a cup of sugar.
If the recipe uses 78 grams of sugar, how many grams in total were there in the cup? **130 grams**

8. Hardeep is making a fruit smoothie. He uses $\frac{7}{9}$ of a cup of apple juice.
If he uses 84 millilitres of apple juice, what was the volume of juice in the whole cup? **108 millilitres**

9. A clothes shop is having a sale. The price of a pair of trainers is $\frac{7}{10}$ of the original price.
If the sale price of the trainers is £49, what was the original price? **£70**

10. Sarah's school held a sponsored silence. They raised $\frac{11}{12}$ of their target amount.
If the school raised £99, what was the target amount for the sponsored silence? **£108**