Calculating the Total from a Fraction of an Amount

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?

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?

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?

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?

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?

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?

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?

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?

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?

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?