

Fraction Word problems

Wednesday 10th February

1. $\frac{1}{2}$ of the children in Beech Class have a dog, $\frac{1}{4}$ have cats and 7 children do not have a pet. How many have a dog? How many have a cat? How many are in the class altogether?
2. In the sale, Ella bought a coat for half the original price. She paid £11.50. What was the full price of the coat?
3. The Morris family drive 53km before they must stop for petrol. This is a quarter of their whole journey. How much further do they need to drive?
4. Mark has painted $\frac{1}{2}$ of his garden fence so far. The length of the fence is 16.8m. How much has he painted?
5. Rahul wants to make a cake but needs to buy more sugar. He has 135g but this is only half of what he needs. How much sugar does the recipe require?
6. Evie has completed 36 lengths of her swimming challenge. This is $\frac{3}{4}$ of the total. How many more lengths does she need to swim?
7. Some children are planting daffodils in their school garden. There are 68 daffodil bulbs altogether. One quarter are to be planted outside the head's office. How many do the children need for this area?
8. Lottie and Zac are making smoothies. They have made 480ml in total and $\frac{1}{4}$ of the recipe was apple juice. How much apple juice did they have measure out?
9. Cameron is looking for a special present for his mum's birthday and can spend up to £20. He spots a pair of earrings, in a half-price sale, that were originally £34.50. Is he able to buy them?
10. Shaniya and Millie are making bracelets and have used $\frac{3}{4}$ of their elastic cord. They have 50cm left. How much did they have originally?