Fractions of amounts: word problems

Years 4 and 5. Read carefully: two questions ask for the part that is left, not the fraction itself.

Name: _____ Date: _____

1. A class has 32 pupils. 3/4 of them walk to school. How many pupils walk to school?

   Answer: _____

2. Sam has £56 and spends 1/4 of it on a book. How much does the book cost?

   Answer: _____

3. A ribbon is 30 cm long. 1/3 of it is cut off. How long is the piece that is cut off?

   Answer: _____

4. A bag holds 1320 g of flour. 1/10 of the flour is used in a cake. How many grams are used?

   Answer: _____

5. 90 people visit a museum. 9/10 of them are children. How many of the visitors are adults?

   Answer: _____

6. A school trip lasts 56 minutes. 3/8 of the time is spent on the coach. How many minutes is that?

   Answer: _____

7. A jug holds 995 ml of juice. 3/5 of it is poured out. How much juice is left in the jug?

   Answer: _____

8. A garden has 30 plants. 3/5 of them are roses. How many roses are there?

   Answer: _____

Answer key: Fraction word problems

Answers to every question on page 1.

1. A class has 32 pupils. 3/4 of them walk to school. How many pupils walk to school?

   Answer: **24 pupils**

2. Sam has £56 and spends 1/4 of it on a book. How much does the book cost?

   Answer: **£14**

3. A ribbon is 30 cm long. 1/3 of it is cut off. How long is the piece that is cut off?

   Answer: **10 cm**

4. A bag holds 1320 g of flour. 1/10 of the flour is used in a cake. How many grams are used?

   Answer: **132 g**

5. 90 people visit a museum. 9/10 of them are children. How many of the visitors are adults?

   Answer: **9 adults**

6. A school trip lasts 56 minutes. 3/8 of the time is spent on the coach. How many minutes is that?

   Answer: **21 minutes**

7. A jug holds 995 ml of juice. 3/5 of it is poured out. How much juice is left in the jug?

   Answer: **398 ml**

8. A garden has 30 plants. 3/5 of them are roses. How many roses are there?

   Answer: **18 roses**