Finding Fractions of an Amount: Worded Questions

1. Daniel had £12 in his pocket. He spent $^5/_6$ of his money.

    How much did Daniel spend? How much money does he still have left?

2. Kevin walked $^4/_7$ of his journey. If the journey was 21km long, how far did he walk?

3. There are 32 pupils in a class. $^7/_{16}$ of them are girls.

    How many girls are in the class? How many boys are in the class?

4. In an election, $^9/_{10}$ 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 $^4/_5$ 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 Jamaal. Will has $^{11}/_{13}$ of them and Jamaal has the remainder. How much will each one get?

7. Priya earns £600 per week. She pays $^7/_{20}$ of her earnings in tax. How much tax does Priya pay?

8. $^3/_{10}$ of the pupils in a school are boys and the remainder girls. If there are 1400 pupils in the school, how many are boys and how many are girls?

9. Emily puts $^2/_7$ of her pocket money into a savings account each month. If she receives £21 a month, how much of this will go into her savings?

10. $^5/_{12}$ of the cars in a shopping centre car park are grey. If there are 180 cars in the car park, how many of them are grey?

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Answer sheet

1. Daniel had £12 in his pocket. He spent $^5/_6$ of his money.

    How much did Daniel spend? £10 How much money does he still have left? £2

2. Kevin walked $^4/_7$ of his journey. If the journey was 21km long, how far did he walk?

    12km

3. There are 32 pupils in a class. $^7/_{16}$ of them are girls.

    How many girls are in the class? 14 How many boys are in the class? 18

4. In an election, $^9/_{10}$ of the population went out to vote. If there were 30 000 people in the population, how many voted? 27 000

5. A television costs £550 in a shop. In a sale, the television will be sold for $^4/_5$ of this price. How much will the television cost in the sale? £440

    How much money will you save? £110

6. 65 sweets are shared between Will and Jamaal. Will has $^{11}/_{13}$ of them and Jamaal has the remainder. How much will each one get? Will: 55, Jamaal: 10

7. Priya earns £600 per week. She pays $^7/_{20}$ of her earnings in tax. How much tax does Priya pay? £210

8. $^3/_{10}$ of the pupils in a school are boys and the remainder girls. If there are 1400 pupils in the school, how many are boys and how many are girls? 420 boys, 980 girls

9. Emily puts $^2/_7$ of her pocket money into a savings account each month. If she receives £21 a month, how much of this will go into her savings? £6

10. $^5/_{12}$ of the cars in a shopping centre car park are grey. If there are 180 cars in the car park, how many of them are grey? 75