

17. How to find a fraction of a specific amount



Scenario Questions:

1. Su spent $\frac{1}{3}$ of her monthly salary. If she earns £1200 a month how much money did she spend?

2. John received $\frac{2}{5}$ of the total prize money, which was £5000. How much money did John receive?

3. Levi drank $\frac{3}{4}$ of container of water. If the total amount of water in the container was 2 gallons, how much water did Levi drink?

4. A recipe is $\frac{1}{6}$ sugar. If the total weight of the recipe is 900 grams, how much sugar do you need?

5. A store is offering a $\frac{1}{3}$ off discount on a £180 item. How much money will you save?

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Scenario Questions:

6. Tamara solved $\frac{4}{5}$ of the maths problems in his homework. If there were 25 problems in total, how many problems did Tamara solve?

7. Sophie scored $\frac{2}{3}$ of the total points in a game. If the total points scored were 150, how many points did Sophie score?

8. Jack ate $\frac{5}{8}$ of a pizza. If the pizza had 8 slices, how many slices did Jack eat?

9. Lola sold $\frac{3}{4}$ of her baseball card collection, which had 100 cards. How many cards did Lola sell?

10. A company donated $\frac{1}{4}$ of its profits, which amounted to £5000. How much did they donate?

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Scenario Questions: **Answers**

1. Su spent $\frac{1}{3}$ of her monthly salary. If she earns £1200 a month how much money did she spend?

1. £400

2. John received $\frac{2}{5}$ of the total prize money, which was £5000. How much money did John receive?

2. £2000

3. Levi drank $\frac{3}{4}$ of a container of water. If the total amount of water in the container was 2 gallons, how much water did Levi drink?

3. 1.5 gallons

4. A recipe is $\frac{1}{6}$ sugar. If the total weight of the recipe is 900 grams, how much sugar do you need?

4. 150 grams

5. A store is offering a $\frac{1}{3}$ off discount on a £180 item. How much money will you save?

5. £60

6. Tamara solved $\frac{4}{5}$ of the maths problems in his homework. If there were 25 problems in total, how many problems did Tamara solve?

6. 20 problems

7. Sophie scored $\frac{2}{3}$ of the total points in a game. If the total points scored were 150, how many points did Sophie score?

7. 100 points

8. Jack ate $\frac{5}{8}$ of a pizza. If the pizza had 8 slices, how many slices did Jack eat?

8. 5 slices

9. Lola sold $\frac{3}{4}$ of her baseball card collection, which had 100 cards. How many cards did Lola sell?

9. 75 cards

10. A company donated $\frac{1}{4}$ of its profits, which amounted to £5000. How much did they donate?

10. £1,250