

# 11. How to find a percentage of an amount



## Scenario Questions:

1. A store is offering a 20% discount on a £50 item. How much will the item cost after the discount?

2. In a class of 40 students, 25% of them are absent. How many students are absent?

3. A company sold 80% of its inventory during a sale. If the total inventory was 500 items, how many items were sold?

4. A restaurant received a tip of 15% on a £100 bill. How much was the tip?

5. In a survey, 60% of the participants preferred option A. If there were 200 participants, how many preferred option A?

## 11. How to find a percentage of an amount



### Scenario Questions:

6. A company increased its prices by 6.25%. If the original price of an item was £80, what is the new price?

7. A charity received a donation of £500. The charity then claimed 25% gift aid on the donation. What was the total amount raised?

8. In a marathon, a runner completed 42.5% of the race. If the total distance was 42 kilometres, how much did the runner complete?

9. A store is offering a 1.5% cash-back on purchases. If a customer spends £200, how much cash-back will they receive?

10. In a test, a student scored 92.5% and received a grade of A. If the maximum score was 120, what was the student's score?

# 11. How to find a percentage of an amount



## Scenario Questions: **Answers**

1. A store is offering a 20% discount on a £50 item. How much will the item cost after the discount?

**1. £40**

2. In a class of 40 students, 25% of them are absent. How many students are absent?

**2. 10 students**

3. A company sold 80% of its inventory during a sale. If the total inventory was 500 items, how many items were sold?

**3. 400 items**

4. A restaurant received a tip of 15% on a £100 bill. How much was the tip?

**4. £15**

5. In a survey, 60% of the participants preferred option A. If there were 200 participants, how many preferred option A?

**5. 120 participants**

6. A company increased its prices by 6.25%. If the original price of an item was £80, what is the new price?

**6. £85**

7. A charity received a donation of £500. They then claimed 25% gift aid on the donation. What was the total amount raised?

**7. £625**

8. In a marathon, a runner completed 42.5% of the race. If the total distance was 42 kilometres, how much did the runner complete?

**8. 17.85 kilometres**

9. A store is offering a 1.5% cash-back on purchases. If a customer spends £200, how much cash-back will they receive?

**9. £3**

10. In a test, a student scored 92.5% and received a grade of A. If the maximum score was 120, what was the student's score?

**10. 111 points**