14. How to find the original amount after percentage change

Scenario Questions:

1. A shirt is on sale for 20% off, and the sale price is £40. What was the original price?

2. After a 15% increase in tuition fees, a student now pays £6,900 per semester. What was the original tuition fee?

3. A company reduced its workforce by 10%, and now employs 450 people. How many employees did the company originally have?

4. After a 30% discount, a laptop is now priced at £700. What was the original price of the laptop?

5. A store increased the price of a product by 25%, and it now costs £125. What was the original price?

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Scenario Questions:

6. After a 12% decrease in sales, a company's revenue is £1,760. What was the original revenue?

7. A car's value depreciated by 20%, and it is now worth £16,000. What was the original value of the car?

8. After a 50% increase in production, a factory now produces 750 units per day. What was the original daily production?

9. A restaurant reduced the portion size of a dish by 15%, and it now serves 85 grams. What was the original portion size?

10. After a 5% discount, a smartphone costs £475. What was the original price of the smartphone?

14. How to find the original amount after percentage change

Scenario Questions: Answers

1. A shirt is on sale for 20% off, and the sale price is £40. What was the original price?

1. £50

2. After a 15% increase in tuition fees, a student now pays £6,900 per semester. What was the original tuition fee?

2. £6,000

3. A company reduced its workforce by 10%, and now employs 450 people. How many employees did the company originally have?

3. 500

4. After a 30% discount, a laptop is now priced at £700. What was the original price of the laptop?

4. £1,000

5. A store increased the price of a product by 25%, and it now costs £125. What was the original price?

5. £100

6. After a 12% decrease in sales, a company's revenue is £1,760. What was the original revenue?

6. £2,000

7. A car's value depreciated by 20%, and it is now worth £16,000. What was the original value of the car?

7. £20,000

8. After a 50% increase in production, a factory now produces 750 units per day. What was the original daily production?

8. 500 units

9. A restaurant reduced the portion size of a dish by 15%, and it now serves 85 grams. What was the original portion size?

9. 100 grams

10. After a 5% discount, a smartphone costs £475. What was the original price of the smartphone?

10. £500