Percentage practice worksheet

Choose one answer for each question. The worked answer key starts on a new page.

Questions

1. What is 20% of 200?

① 4 ② 40 ③ 160

2. 15 is what percentage of 60?

① 25% ② 4% ③ 75%

3. An amount rises from 80 to 100. What is the percentage increase?

① 20% ② 10% ③ 25%

4. After a 20% discount, the price is 80. What was the original price?

① 96 ② 100 ③ 64

5. Two successive 20% discounts apply to 100. What is the final price?

① 64 ② 60 ③ 80

6. A rate rises from 5% to 7%. How many percentage points is that?

① 40 percentage points ② 12 percentage points ③ 2 percentage points

Worked answer key

1. What is 20% of 200?

Correct answer: 40

Divide the rate by 100, then multiply by the base.

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20 ÷ 100 × 200 = 40
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2. 15 is what percentage of 60?

Correct answer: 25%

Divide the part by the whole, then multiply by 100.

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15 ÷ 60 = 0.25 = 25%
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3. An amount rises from 80 to 100. What is the percentage increase?

Correct answer: 25%

Divide the increase by the original amount, not the new amount.

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(100 − 80) ÷ 80 = 0.25 = 25%
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4. After a 20% discount, the price is 80. What was the original price?

Correct answer: 100

A 20% discount leaves 80% of the original price. Divide the final price by the fraction that remains.

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80 ÷ (1 − 0.2) = 100
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5. Two successive 20% discounts apply to 100. What is the final price?

Correct answer: 64

Each discount applies to the amount left after the previous one. Adding the discounts would use the wrong base.

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100 × 0.8 × 0.8 = 64
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6. A rate rises from 5% to 7%. How many percentage points is that?

Correct answer: 2 percentage points

Subtract the two rates to get percentage points. A relative percentage increase is a different measure.

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7 − 5 = 2
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Fixed examples from PercentEase. This is practice, not a graded test or certification.
https://percentease.com/en/