SOLVING PERCENT PROBLEMS

Solve:

1 A smartphone is on sale at 18% off. If the sale price is $350, what was the original price?

2 Amy received a 25% hike in her salary. If her new salary is $1,250 , what was her original salary?

3 If a quantity is decreased by 10% and the result is 72, what was the original quantity?

4 If 8% of a quantity is 48, what is 20% of the same quantity?

5 A pair of shoes is on sale for 15% off. If the price is $68, what was the original price?

6 30% of what number is 90?

7 If 20% of a number is 40, what is the number?

8 A bookstore is offering a 30% discount on all books. If the discounted price of a book is $14, what was the original price?

SOLVING PERCENT PROBLEMS

Answers

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1 A smartphone is on sale at 18% off. If the sale price is $350, what was the original price?

$426.83

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2 Amy received a 25% hike in her salary. If her new salary is $1,250 , what was her original salary?

$1,000

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3 If a quantity is decreased by 10% and the result is 72, what was the original quantity?

80

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4 If 8% of a quantity is 48, what is 20% of the same quantity?

120

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5 A pair of shoes is on sale for 15% off. If the price is $68, what was the original price?

$80

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6 30% of what number is 90?

300

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7 If 20% of a number is 40, what is the number?

200

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8 A bookstore is offering a 30% discount on all books. If the discounted price of a book is $14, what was the original price?

$20