

14. How to find the original amount after percentage change



Practice Questions:

1. If a number is decreased by 20% and the result is 80, what was the original number?

2. After a 15% increase, a value becomes 345. What was the original value?

3. If an amount is reduced by 30% and is now 70, what was the original price?

4. After a 25% decrease, a quantity becomes 180. What was the original quantity?

5. If a value is increased by 40% and the new value is 420, what was the original value?

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Practice Questions:

6. After a 12% decrease, a value becomes 440. What was the original value?

7. If a number is increased by 8% and the new number is 2,160, what was the original number?

8. After a 60% increase, a number becomes 480. What was the original number?

9. If a value is reduced by 75% and the new value is 25, what was the original value?

10. After a 5% decrease, a number becomes 190. What was the original number?

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Practice Questions: **Answers**

1. If a number is decreased by 20% and the result is 80, what was the original number?

1. 100

2. After a 15% increase, a value becomes 345. What was the original value?

2. 300

3. If an amount is reduced by 30% and is now 70, what was the original price?

3. 100

4. After a 25% decrease, a quantity becomes 180. What was the original quantity?

4. 240

5. If a value is increased by 40% and the new value is 420, what was the original value?

5. 300

6. After a 12% decrease, a value becomes 440. What was the original value?

6. 500

7. If a number is increased by 8% and the new number is 2,160, what was the original number?

7. 2,000

8. After a 60% increase, a number becomes 480. What was the original number?

8. 300

9. If a value is reduced by 75% and the new value is 25, what was the original value?

9. 100

10. After a 5% decrease, a number becomes 190. What was the original number?

10. 200