



Reverse percentages word problems

1. A ticket's price is increased by 4%. The price increase is \$65.5. What is the price before the increase?
2. A special bottle of a juice contains 10% more than a normal bottle. The special bottle contains 550 ml. How much does the normal bottle contain?
3. A mobile phone company had 25% off sale. If a mobile phone costs \$45, how much was it originally?

- A box of chocolates has been decreased by 10% and now costs \$18. How much did it cost originally?
- Helen answered 80% of the questions in an assessment correctly. She answered 43 of the questions correctly. What was the total number of questions in the test?
- In a gift shop, 60% of items were sold for lowest prices. 45 items remained unsold at the end of the day. How many items were in stock to begin with?
- A packet of biscuits is now 24% bigger and has 30 biscuits now. How many biscuits did it have before?



8. After a 22% drop in its price, a bike costs \$8400. Find the price before a price-drop.
9. Kelly's new wage is \$345 per week. There is a 20% increase in wage than her previous wage. Find her previous wage?
10. A fruit seller makes a profit of 16% after selling all his fruits for \$66.70. How much did he buy the fruits for?



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Answers

1. 62.98
2. 495
3. 60
4. 20
5. 54
6. 113
7. 24
8. 10,769
9. 287.5
10. 57.5