

Compute the result of a percent increase or decrease

NAME	DATE	SCORE / 10
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1 A club had 32 members. The number of members fell by 50%. How many members does the club have now?

2 A club had 80 members. The number of members fell by 30%. Leo says the club now has 50 members, because $80 - 30 = 50$. How many members does the club have now?

3 A town had 3,820 people. The number of people grew by 10%. How many people are in the town now?

4 A club had 60 members. The number of members grew by 15%. Cleo says the club now has 75 members, because $60 + 15 = 75$. How many members does the club have now?

5 A plant was 80 cm tall. Then the plant's height grew by 30%. How tall is the plant now, in centimetres?

6 A jacket cost \$280. Then the price went up 5%. Emma says the new price is \$285, because $280 + 5 = 285$. What is the new price of the jacket, in dollars?

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- 7** A bike cost \$105. Then the price went up 15%. What is the new price of the bike, in dollars?

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- 8** A club had 60 members. The number of members grew by 25%. Ana says the club now has 85 members, because $60 + 25 = 85$. How many members does the club have now?

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- 9** A tank held 325 litres of water. The amount of water in the tank went down by 8%. How many litres of water are in the tank now?

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- 10** A club had 72 members. The number of members fell by 25%. Noah says the club now has 47 members, because $72 - 25 = 47$. How many members does the club have now?

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1 16

3 4202

5 104

7 120.75

9 299

2 56

4 69

6 294

8 75

10 54