

Compute the result of a percent increase or decrease

NAME	DATE	SCORE / 10
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- 1** A plant was 20 cm tall. Then the plant's height grew by 5%. How tall is the plant now, in centimetres?

- 2** A jacket cost \$35. Then the price went down 20%. Cleo says the new price is \$15, because $35 - 20 = 15$. What is the new price of the jacket, in dollars?

- 3** A club had 20 members. The number of members fell by 15%. How many members does the club have now?

- 4** A club had 50 members. The number of members fell by 10%. Dev says the club now has 40 members, because $50 - 10 = 40$. How many members does the club have now?

- 5** A town had 4,540 people. The number of people grew by 30%. How many people are in the town now?

- 6** A jacket cost \$172. Then the price went down 25%. Ivy says the new price is \$147, because $172 - 25 = 147$. What is the new price of the jacket, in dollars?

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- 7** A bike cost \$195. Then the price went up 25%. What is the new price of the bike, in dollars?

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- 8** A plant was 30 cm tall. Then the plant's height grew by 10%. Noah says the plant is now 40 cm tall, because $30 + 10 = 40$. How tall is the plant now, in centimetres?

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- 9** A tank held 308 litres of water. The amount of water in the tank went down by 25%. How many litres of water are in the tank now?

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- 10** A jacket cost \$230. Then the price went down 10%. Dev says the new price is \$220, because $230 - 10 = 220$. What is the new price of the jacket, in dollars?

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1 21

3 17

5 5902

7 243.75

9 231

2 28

4 45

6 129

8 33

10 207
