

Compute the result of a percent increase or decrease

NAME	DATE	SCORE / 10
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- 1** A town had 1,375 people. The number of people grew by 20%. How many people are in the town now?

- 2** A plant was 45 cm tall. Then the plant's height grew by 40%. Ivy says the plant is now 85 cm tall, because $45 + 40 = 85$. How tall is the plant now, in centimetres?

- 3** A bike cost \$225. Then the price went up 15%. What is the new price of the bike, in dollars?

- 4** A jacket cost \$150. Then the price went up 10%. Ana says the new price is \$160, because $150 + 10 = 160$. What is the new price of the jacket, in dollars?

- 5** A club had 35 members. The number of members fell by 40%. How many members does the club have now?

- 6** A jacket cost \$45. Then the price went up 20%. Emma says the new price is \$65, because $45 + 20 = 65$. What is the new price of the jacket, in dollars?

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- 7** A tank held 280 litres of water. The amount of water in the tank went down by 15%. How many litres of water are in the tank now?

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- 8** A club had 80 members. The number of members fell by 5%. Ana says the club now has 75 members, because $80 - 5 = 75$. How many members does the club have now?

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

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- 10** A jacket cost \$60. Then the price went up 5%. Leo says the new price is \$65, because $60 + 5 = 65$. What is the new price of the jacket, in dollars?

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1 1650

3 258.75

5 21

7 238

9 84

2 63

4 165

6 54

8 76

10 63
