

Compute the result of a percent increase or decrease

NAME	DATE	SCORE / 10
------	------	------------

1 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?

2 A plant was 25 cm tall. Then the plant's height grew by 12%. Noah says the plant is now 37 cm tall, because $25 + 12 = 37$. How tall is the plant now, in centimetres?

3 A plant was 65 cm tall. Then the plant's height grew by 20%. How tall is the plant now, in centimetres?

4 A jacket cost \$220. Then the price went up 15%. Ben says the new price is \$235, because $220 + 15 = 235$. What is the new price of the jacket, in dollars?

5 A bike cost \$230. Then the price went up 12%. What is the new price of the bike, in dollars?

6 A plant was 80 cm tall. Then the plant's height grew by 25%. Cleo says the plant is now 105 cm tall, because $80 + 25 = 105$. How tall is the plant now, in centimetres?

-
- 7** A town had 6,190 people. The number of people grew by 30%. How many people are in the town now?

-
- 8** A club had 40 members. The number of members grew by 5%. Dev says the club now has 45 members, because $40 + 5 = 45$. How many members does the club have now?

-
- 9** A club had 40 members. The number of members fell by 25%. How many members does the club have now?

-
- 10** A jacket cost \$284. Then the price went down 25%. Leo says the new price is \$259, because $284 - 25 = 259$. What is the new price of the jacket, in dollars?

Compute the result of a percent increase or decrease

1 238

3 78

5 257.60

7 8047

9 30

2 28

4 253

6 100

8 42

10 213