

Compute percent change from original and new values

NAME	DATE	SCORE / 10
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1 The price of a jacket changed from \$185 to \$259. What is the percent increase in the price?

2 The price of a game changed from \$50 to \$20. Noah says the percent decrease is 150%, because $30 \div 20 = 1.5$. What is the correct percent decrease?

3 The number of people in a town changed from 8,770 to 7,893. What is the percent decrease in the number of people?

4 The price of a game changed from \$120 to \$48. Ana says the percent decrease is 150%, because $72 \div 48 = 1.5$. What is the correct percent decrease?

5 The number of people in a town changed from 2,580 to 2,838. What is the percent increase in the number of people?

6 The price of a game changed from \$28 to \$70. Dev says the percent increase is 60%, because $42 \div 70 = 0.6$. What is the correct percent increase?

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- 7** The price of a jacket changed from \$205 to \$41. What is the percent decrease in the price?

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- 8** The price of a game changed from \$16 to \$20. Leo says the percent increase is 20%, because $4 \div 20 = 0.2$. What is the correct percent increase?

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- 9** The number of members in a club changed from 40 to 28. What is the percent decrease in the number of members?

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- 10** The price of a game changed from \$40 to \$80. Ivy says the percent increase is 50%, because $40 \div 80 = 0.5$. What is the correct percent increase?

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1 40

3 10

5 10

7 80

9 30

2 60

4 60

6 150

8 25

10 100