

**Solve each problem.**

- 1) Amy used to live 15 kilometers away from the school, but after she moved she now lives 13.2 kilometers away. She is \_\_\_\_\_ percent closer to the school.
- 2) Last month Sam spent 58 dollars on games. This month he only spent \$51.04. He spent \_\_\_\_\_ percent less this month.
- 3) Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 16.08 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.
- 4) Paige bought a computer for \$222.6. Paul bought one for \$318. Paige's computer was \_\_\_\_\_ percent cheaper.
- 5) A store sold 12 dollars worth of gift cards in October. The next month the goal was to sell \$13.92 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 6) Normally a game costs \$35. But the new special edition version is going to be \$51.8. This is an increase of \_\_\_\_\_ percent.
- 7) A small fruit smoothie is 13 ounces while a large fruit smoothie is 14.56 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 8) Jerry spent 20 minutes on his math homework and 24 minutes on his spelling homework. He spent \_\_\_\_\_ percent more time on his spelling homework.
- 9) A library normally collected \$37 in fees a month. But in March they collected \$52.54. What is the percent increase in the number of fees collected in March?
- 10) Last year a fishing license cost \$50. This year the license will cost \$30. This is a \_\_\_\_\_ percent decrease.

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1. 12
2. 12
3. 34
4. 30
5. 16
6. 48
7. 12
8. 20
9. 42
10. 40



Solve each problem.

40	12	48	42	12
12	20	30	34	16

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1. \_\_\_\_\_
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3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_