

**Solve each problem.**

- 1) Last month Cody spent 54 dollars on games. This month he only spent \$29.16. He spent \_\_\_\_\_ percent less this month.
- 2) A small fruit smoothie is 22 ounces while a large fruit smoothie is 31.68 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 3) A store sold 12 dollars worth of gift cards in October. The next month the goal was to sell \$15.12 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 4) In February Katie got a puppy that weighed 11 kilograms. By October the puppy weighed 13.86 kilograms. What was the percent the puppy's weight increased?
- 5) A large soda is 260 calories and a small soda is 161.2 calories. The small soda has \_\_\_\_\_ percent fewer calories.
- 6) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 16.12 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.
- 7) A pole was supposed to be 11 meters long, but it was accidentally made 13.86 meters long. The pole is \_\_\_\_\_ percent longer than it needs to be.
- 8) Normally a game costs \$38. But the new special edition version is going to be \$49.4. This is an increase of \_\_\_\_\_ percent.
- 9) Robin used to live 15 kilometers away from the school, but after she moved she now lives 8.4 kilometers away. She is \_\_\_\_\_ percent closer to the school.
- 10) Janet bought a computer for \$310.4. Mike bought one for \$388. Janet's computer was \_\_\_\_\_ percent cheaper.

**Answers**

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



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**Answers**

1. 46
2. 44
3. 26
4. 26
5. 38
6. 24
7. 26
8. 30
9. 44
10. 20



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44	24	26	20	30
26	46	38	26	44

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