

**Solve each problem.****Answers**

- 1) Last years phone model had a battery that lasted 12 hours. This year the battery only last for 7.44 hours. What was the percent the battery life decreased?
- 2) Lana used to live 12 kilometers away from the school, but after she moved she now lives 8.88 kilometers away. She is \_\_\_\_\_ percent closer to the school.
- 3) A library normally collected \$38.00 in fees a month. But in March they collected \$51.68. What is the percent increase in the number of fees collected in March?
- 4) Janet bought a computer for \$378.30. John bought one for \$485.00. Janet's computer was \_\_\_\_\_ percent cheaper.
- 5) Last month Jerry spent 93.00 dollars on games. This month he only spent \$68.82. He spent \_\_\_\_\_ percent less this month.
- 6) Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 16.56 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.
- 7) A store sold 14.00 dollars worth of gift cards in October. The next month the goal was to sell \$17.08 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 8) It used to take Isabel 8 minutes to do 20 multiplication problems. Now she can do the same page in 8.96 minutes. She is now \_\_\_\_\_ percent faster.
- 9) In the spring the average score for a division worksheet was 50. But back in the fall the average score was 38. The fall score was \_\_\_\_\_% lower than the spring score.
- 10) A large soda is 216 calories and a small soda is 177.12 calories. The small soda has \_\_\_\_\_ percent fewer calories.

1. \_\_\_\_\_
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5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
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9. \_\_\_\_\_
10. \_\_\_\_\_

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**Answers**

1. 38
2. 26
3. 36
4. 22
5. 26
6. 38
7. 22
8. 12
9. 24
10. 18



Solve each problem.

Answers

12	22	26	26	18
38	24	22	36	38

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