

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

- 1) Last years phone model had a battery that lasted 13 hours. This year the battery only last for 8.06 hours. What was the percent the battery life decreased?
- 2) A game normally cost \$52, but Katie used a coupon and got the game for \$33.28. The coupon was for ____ percent off.
- 3) A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$20.16 worth of gift cards. This is an increase of ____ percent.
- 4) Normally a game costs \$39. But the new special edition version is going to be \$47.58. This is an increase of ____ percent.
- 5) In the spring the average score for a division worksheet was 70. But back in the fall the average score was 49. The fall score was ____% lower than the spring score.
- 6) Last year a fishing license cost \$59. This year the license will cost \$53.1. This is a ____ percent decrease.
- 7) Carol bought a computer for \$129.92. Oliver bought one for \$203. Carol's computer was ____ percent cheaper.
- 8) In February Emily got a puppy that weighed 13 kilograms. By October the puppy weighed 14.3 kilograms. What was the percent the puppy's weight increased?
- 9) At a restaurant the bill came to \$91. If you leave \$100.1, what percent tip is that?
- 10) Normally a chef uses 15 ounces of chocolate to make chocolate chip cookies. But he started using 19.2 ounces instead. He should advertise the cookies as having ____ percent more chocolate.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

Answers

- | | |
|--|---------------|
| 1) Last years phone model had a battery that lasted 13 hours. This year the battery only last for 8.06 hours. What was the percent the battery life decreased? | 1. <u>38</u> |
| 2) A game normally cost \$52, but Katie used a coupon and got the game for \$33.28. The coupon was for ____ percent off. | 2. <u>36</u> |
| 3) A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$20.16 worth of gift cards. This is an increase of ____ percent. | 3. <u>44</u> |
| 4) Normally a game costs \$39. But the new special edition version is going to be \$47.58. This is an increase of ____ percent. | 4. <u>22</u> |
| 5) In the spring the average score for a division worksheet was 70. But back in the fall the average score was 49. The fall score was ____% lower than the spring score. | 5. <u>30</u> |
| 6) Last year a fishing license cost \$59. This year the license will cost \$53.1. This is a ____ percent decrease. | 6. <u>10</u> |
| 7) Carol bought a computer for \$129.92. Oliver bought one for \$203. Carol's computer was ____ percent cheaper. | 7. <u>36</u> |
| 8) In February Emily got a puppy that weighed 13 kilograms. By October the puppy weighed 14.3 kilograms. What was the percent the puppy's weight increased? | 8. <u>10</u> |
| 9) At a restaurant the bill came to \$91. If you leave \$100.1, what percent tip is that? | 9. <u>10</u> |
| 10) Normally a chef uses 15 ounces of chocolate to make chocolate chip cookies. But he started using 19.2 ounces instead. He should advertise the cookies as having ____ percent more chocolate. | 10. <u>28</u> |



Solve each problem.

Answers

| | | | | |
|----|----|----|----|----|
| 10 | 38 | 22 | 10 | 28 |
| 44 | 36 | 36 | 30 | 10 |

- 1) Last years phone model had a battery that lasted 13 hours. This year the battery only last for 8.06 hours. What was the percent the battery life decreased?
- 2) A game normally cost \$52, but Katie used a coupon and got the game for \$33.28. The coupon was for _____ percent off.
- 3) A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$20.16 worth of gift cards. This is an increase of _____ percent.
- 4) Normally a game costs \$39. But the new special edition version is going to be \$47.58. This is an increase of _____ percent.
- 5) In the spring the average score for a division worksheet was 70. But back in the fall the average score was 49. The fall score was _____% lower than the spring score.
- 6) Last year a fishing license cost \$59. This year the license will cost \$53.1. This is a _____ percent decrease.
- 7) Carol bought a computer for \$129.92. Oliver bought one for \$203. Carol's computer was _____ percent cheaper.
- 8) In February Emily got a puppy that weighed 13 kilograms. By October the puppy weighed 14.3 kilograms. What was the percent the puppy's weight increased?
- 9) At a restaurant the bill came to \$91. If you leave \$100.1, what percent tip is that?
- 10) Normally a chef uses 15 ounces of chocolate to make chocolate chip cookies. But he started using 19.2 ounces instead. He should advertise the cookies as having _____ percent more chocolate.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____