

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

- 1) Debby used to live 10 kilometers away from the school, but after she moved she now lives 7 kilometers away. She is \_\_\_\_\_ percent closer to the school.
- 2) Frank spent 29 minutes on his math homework and 32.48 minutes on his spelling homework. He spent \_\_\_\_\_ percent more time on his spelling homework.
- 3) Last year a fishing license cost \$57. This year the license will cost \$41.04. This is a \_\_\_\_\_ percent decrease.
- 4) A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$18 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 5) The price for internet on a phone was \$8 a month, but starting in November the price will be \$9.92 a month. This is a \_\_\_\_\_% increase.
- 6) A store normally averaged 108 customers a day. But on the weekends they averaged 75.6 customers a day. What is the percent decrease in the number of customers?
- 7) A small fruit smoothie is 30 ounces while a large fruit smoothie is 34.2 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 8) In the spring the average score for a division worksheet was 76. But back in the fall the average score was 44.08. The fall score was \_\_\_\_\_% lower than the spring score.
- 9) Normally a game costs \$35. But the new special edition version is going to be \$40.6. This is an increase of \_\_\_\_\_ percent.
- 10) Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 13.44 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.

- 1) Debby used to live 10 kilometers away from the school, but after she moved she now lives 7 kilometers away. She is \_\_\_\_\_ percent closer to the school.
- 2) Frank spent 29 minutes on his math homework and 32.48 minutes on his spelling homework. He spent \_\_\_\_\_ percent more time on his spelling homework.
- 3) Last year a fishing license cost \$57. This year the license will cost \$41.04. This is a \_\_\_\_\_ percent decrease.
- 4) A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$18 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 5) The price for internet on a phone was \$8 a month, but starting in November the price will be \$9.92 a month. This is a \_\_\_\_\_% increase.
- 6) A store normally averaged 108 customers a day. But on the weekends they averaged 75.6 customers a day. What is the percent decrease in the number of customers?
- 7) A small fruit smoothie is 30 ounces while a large fruit smoothie is 34.2 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 8) In the spring the average score for a division worksheet was 76. But back in the fall the average score was 44.08. The fall score was \_\_\_\_\_% lower than the spring score.
- 9) Normally a game costs \$35. But the new special edition version is going to be \$40.6. This is an increase of \_\_\_\_\_ percent.
- 10) Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 13.44 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.

**Answers**

1. **30**
2. **12**
3. **28**
4. **20**
5. **24**
6. **30**
7. **14**
8. **42**
9. **16**
10. **12**



Solve each problem.

|    |    |    |    |    |
|----|----|----|----|----|
| 30 | 12 | 24 | 42 | 30 |
| 12 | 14 | 28 | 16 | 20 |

**Answers**

- 1) Debby used to live 10 kilometers away from the school, but after she moved she now lives 7 kilometers away. She is \_\_\_\_\_ percent closer to the school.
- 2) Frank spent 29 minutes on his math homework and 32.48 minutes on his spelling homework. He spent \_\_\_\_\_ percent more time on his spelling homework.
- 3) Last year a fishing license cost \$57. This year the license will cost \$41.04. This is a \_\_\_\_\_ percent decrease.
- 4) A store sold 15 dollars worth of gift cards in October. The next month the goal was to sell \$18 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 5) The price for internet on a phone was \$8 a month, but starting in November the price will be \$9.92 a month. This is a \_\_\_\_\_% increase.
- 6) A store normally averaged 108 customers a day. But on the weekends they averaged 75.6 customers a day. What is the percent decrease in the number of customers?
- 7) A small fruit smoothie is 30 ounces while a large fruit smoothie is 34.2 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 8) In the spring the average score for a division worksheet was 76. But back in the fall the average score was 44.08. The fall score was \_\_\_\_\_% lower than the spring score.
- 9) Normally a game costs \$35. But the new special edition version is going to be \$40.6. This is an increase of \_\_\_\_\_ percent.
- 10) Normally a chef uses 12 ounces of chocolate to make chocolate chip cookies. But he started using 13.44 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.

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