

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

- 1) Normally a game costs \$38. But the new special edition version is going to be \$55.48. This is an increase of _____ percent.
- 2) A large soda is 282 calories and a small soda is 231.24 calories. The small soda has _____ percent fewer calories.
- 3) In February Maria got a puppy that weighed 11 kilograms. By October the puppy weighed 13.2 kilograms. What was the percent the puppy's weight increased?
- 4) Frank spent 27 minutes on his math homework and 35.64 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.
- 5) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 18.2 ounces instead. He should advertise the cookies as having _____ percent more chocolate.
- 6) Last month Oliver spent 83 dollars on games. This month he only spent \$53.12. He spent _____ percent less this month.
- 7) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 9.52 hours. What was the percent the battery life decreased?
- 8) Sam used to have \$469 in the bank but after a year the amount increased to \$544.04. This was an increase of _____%.
- 9) A library normally collected \$48 in fees a month. But in March they collected \$60.48. What is the percent increase in the number of fees collected in March?
- 10) A store normally averaged 156 customers a day. But on the weekends they averaged 81.12 customers a day. What is the percent decrease in the number of customers?

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



Solve each problem.

- 1) Normally a game costs \$38. But the new special edition version is going to be \$55.48. This is an increase of _____ percent.
- 2) A large soda is 282 calories and a small soda is 231.24 calories. The small soda has _____ percent fewer calories.
- 3) In February Maria got a puppy that weighed 11 kilograms. By October the puppy weighed 13.2 kilograms. What was the percent the puppy's weight increased?
- 4) Frank spent 27 minutes on his math homework and 35.64 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.
- 5) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 18.2 ounces instead. He should advertise the cookies as having _____ percent more chocolate.
- 6) Last month Oliver spent 83 dollars on games. This month he only spent \$53.12. He spent _____ percent less this month.
- 7) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 9.52 hours. What was the percent the battery life decreased?
- 8) Sam used to have \$469 in the bank but after a year the amount increased to \$544.04. This was an increase of _____%.
- 9) A library normally collected \$48 in fees a month. But in March they collected \$60.48. What is the percent increase in the number of fees collected in March?
- 10) A store normally averaged 156 customers a day. But on the weekends they averaged 81.12 customers a day. What is the percent decrease in the number of customers?

Answers

1. 46
2. 18
3. 20
4. 32
5. 40
6. 36
7. 32
8. 16
9. 26
10. 48



Solve each problem.

36	20	40	18	16
32	26	32	48	46

Answers

- 1) Normally a game costs \$38. But the new special edition version is going to be \$55.48. This is an increase of _____ percent.
- 2) A large soda is 282 calories and a small soda is 231.24 calories. The small soda has _____ percent fewer calories.
- 3) In February Maria got a puppy that weighed 11 kilograms. By October the puppy weighed 13.2 kilograms. What was the percent the puppy's weight increased?
- 4) Frank spent 27 minutes on his math homework and 35.64 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.
- 5) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 18.2 ounces instead. He should advertise the cookies as having _____ percent more chocolate.
- 6) Last month Oliver spent 83 dollars on games. This month he only spent \$53.12. He spent _____ percent less this month.
- 7) Last years phone model had a battery that lasted 14 hours. This year the battery only last for 9.52 hours. What was the percent the battery life decreased?
- 8) Sam used to have \$469 in the bank but after a year the amount increased to \$544.04. This was an increase of _____%.
- 9) A library normally collected \$48 in fees a month. But in March they collected \$60.48. What is the percent increase in the number of fees collected in March?
- 10) A store normally averaged 156 customers a day. But on the weekends they averaged 81.12 customers a day. What is the percent decrease in the number of customers?

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