

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

- 1) A small fruit smoothie is 11 ounces while a large fruit smoothie is 13.86 ounces. The large fruit smoothie is _____% larger.
- 2) In February Robin got a puppy that weighed 13 kilograms. By October the puppy weighed 18.46 kilograms. What was the percent the puppy's weight increased?
- 3) It used to take Rachel 10 minutes to do 20 multiplication problems. Now she can do the same page in 13.4 minutes. She is now _____ percent faster.
- 4) A large soda is 286 calories and a small soda is 240.24 calories. The small soda has _____ percent fewer calories.
- 5) A pole was supposed to be 16 meters long, but it was accidentally made 20.48 meters long. The pole is _____ percent longer than it needs to be.
- 6) The price for internet on a phone was \$7 a month, but starting in November the price will be \$10.36 a month. This is a _____% increase.
- 7) Last year a fishing license cost \$53. This year the license will cost \$33.92. This is a _____ percent decrease.
- 8) A store normally averaged 165 customers a day. But on the weekends they averaged 128.7 customers a day. What is the percent decrease in the number of customers?
- 9) A library normally collected \$49 in fees a month. But in March they collected \$73.5. What is the percent increase in the number of fees collected in March?
- 10) A game normally cost \$50, but Gwen used a coupon and got the game for \$29. The coupon was for _____ percent off.

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



Solve each problem.

- 1) A small fruit smoothie is 11 ounces while a large fruit smoothie is 13.86 ounces. The large fruit smoothie is _____% larger.
- 2) In February Robin got a puppy that weighed 13 kilograms. By October the puppy weighed 18.46 kilograms. What was the percent the puppy's weight increased?
- 3) It used to take Rachel 10 minutes to do 20 multiplication problems. Now she can do the same page in 13.4 minutes. She is now _____ percent faster.
- 4) A large soda is 286 calories and a small soda is 240.24 calories. The small soda has _____ percent fewer calories.
- 5) A pole was supposed to be 16 meters long, but it was accidentally made 20.48 meters long. The pole is _____ percent longer than it needs to be.
- 6) The price for internet on a phone was \$7 a month, but starting in November the price will be \$10.36 a month. This is a _____% increase.
- 7) Last year a fishing license cost \$53. This year the license will cost \$33.92. This is a _____ percent decrease.
- 8) A store normally averaged 165 customers a day. But on the weekends they averaged 128.7 customers a day. What is the percent decrease in the number of customers?
- 9) A library normally collected \$49 in fees a month. But in March they collected \$73.5. What is the percent increase in the number of fees collected in March?
- 10) A game normally cost \$50, but Gwen used a coupon and got the game for \$29. The coupon was for _____ percent off.

Answers

1. 26
2. 42
3. 34
4. 16
5. 28
6. 48
7. 36
8. 22
9. 50
10. 42



Solve each problem.

28	36	42	42	34
48	22	26	16	50

Answers

- 1) A small fruit smoothie is 11 ounces while a large fruit smoothie is 13.86 ounces. The large fruit smoothie is _____% larger.
- 2) In February Robin got a puppy that weighed 13 kilograms. By October the puppy weighed 18.46 kilograms. What was the percent the puppy's weight increased?
- 3) It used to take Rachel 10 minutes to do 20 multiplication problems. Now she can do the same page in 13.4 minutes. She is now _____ percent faster.
- 4) A large soda is 286 calories and a small soda is 240.24 calories. The small soda has _____ percent fewer calories.
- 5) A pole was supposed to be 16 meters long, but it was accidentally made 20.48 meters long. The pole is _____ percent longer than it needs to be.
- 6) The price for internet on a phone was \$7 a month, but starting in November the price will be \$10.36 a month. This is a _____% increase.
- 7) Last year a fishing license cost \$53. This year the license will cost \$33.92. This is a _____ percent decrease.
- 8) A store normally averaged 165 customers a day. But on the weekends they averaged 128.7 customers a day. What is the percent decrease in the number of customers?
- 9) A library normally collected \$49 in fees a month. But in March they collected \$73.5. What is the percent increase in the number of fees collected in March?
- 10) A game normally cost \$50, but Gwen used a coupon and got the game for \$29. The coupon was for _____ percent off.

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