



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. \_\_\_\_\_