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.

1. _____

2. _____

2) In February Carol 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. _____

4. _____

3) It used to take Bianca 10 minutes to do 20 multiplication problems. Now she can do the same page in 13.4 minutes. She is now _____ percent faster.

5. _____

6. _____

4) A large soda is 286 calories and a small soda is 240.24 calories. The small soda has _____ percent fewer calories.

7. _____

8. _____

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.

9. _____

10. _____

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 Isabel used a coupon and got the game for $29. The coupon was for _____ percent off.

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.

1. **26**

2) In February Carol got a puppy that weighed 13 kilograms. By October the puppy weighed 18.46 kilograms. What was the percent the puppy's weight increased?

2. **42**

3. **34**

3) It used to take Bianca 10 minutes to do 20 multiplication problems. Now she can do the same page in 13.4 minutes. She is now _____ percent faster.

4. **16**

5. **28**

4) A large soda is 286 calories and a small soda is 240.24 calories. The small soda has _____ percent fewer calories.

6. **48**

7. **36**

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.

8. **22**

9. **50**

10. **42**

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.

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Solve each problem.

28	36	42	42	34
48	22	26	16	50

1. _____

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