Examining Percent Increase and Decrease

Name:

Solve each problem.

1) A small fruit smoothie is 27 ounces while a large fruit smoothie is 34.56 ounces. The large fruit smoothie is _____% larger.

1. _____

2. _____

2) A pole was supposed to be 16 meters long, but it was accidentally made 24 meters long. The pole is _____ percent longer than it needs to be.

3. _____

3) Last month Will spent 61.00 dollars on games. This month he only spent $53.68. He spent _____ percent less this month.

4. _____

5. _____

4) Last year a fishing license cost $52.00. This year the license will cost $36.40. This is a _____ percent decrease.

6. _____

7. _____

5) At a restaurant the bill came to $78.00. If you leave $117.00, what percent tip is that?

8. _____

9. _____

10. _____

6) In February Mike spent 45 hours watching Netflix. In March he only spent 25.2 hours watching. What was the percent decrease in the amount of time he spent watching?

7) In the spring the average score for a division worksheet was 82. But back in the fall the average score was 68.88. The fall score was _____% lower than the spring score.

8) Isabel used to live 14 kilometers away from the school, but after she moved she now lives 10.36 kilometers away. She is _____ percent closer to the school.

9) A library normally collected $56.00 in fees a month. But in March they collected $61.60. What is the percent increase in the number of fees collected in March?

10) Maria bought a computer for $253.80. George bought one for $282.00. Maria's computer was _____ percent cheaper.

1-10 | 90 | 80 | 70 | 60 | 50 | 40 | 30 | 20 | 10 | 0

Math

Solve each problem.

Answers

1) A small fruit smoothie is 27 ounces while a large fruit smoothie is 34.56 ounces. The large fruit smoothie is _____% larger.

1. **28**

2) A pole was supposed to be 16 meters long, but it was accidentally made 24 meters long. The pole is _____ percent longer than it needs to be.

2. **50**

3. **12**

3) Last month Will spent 61.00 dollars on games. This month he only spent $53.68. He spent _____ percent less this month.

4. **30**

5. **50**

4) Last year a fishing license cost $52.00. This year the license will cost $36.40. This is a ____ percent decrease.

6. **44**

7. **16**

5) At a restaurant the bill came to $78.00. If you leave $117.00, what percent tip is that?

8. **26**

9. **10**

10. **10**

6) In February Mike spent 45 hours watching Netflix. In March he only spent 25.2 hours watching. What was the percent decrease in the amount of time he spent watching?

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Math

1-10	90	80	70	60	50	40	30	20	10	0

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Name:

Solve each problem.

12	26	16	30	50
28	10	10	44	50

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Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____