

**Solve each problem.**

- 1) A small fruit smoothie is 30 ounces while a large fruit smoothie is 39 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 2) The price for internet on a phone was \$5 a month, but starting in November the price will be \$5.9 a month. This is a \_\_\_\_\_% increase.
- 3) In the spring the average score for a division worksheet was 93. But back in the fall the average score was 70.68. The fall score was \_\_\_\_\_% lower than the spring score.
- 4) At a restaurant the bill came to \$56. If you leave \$63.84, what percent tip is that?
- 5) A pole was supposed to be 17 meters long, but it was accidentally made 19.04 meters long. The pole is \_\_\_\_\_ percent longer than it needs to be.
- 6) A store normally averaged 166 customers a day. But on the weekends they averaged 129.48 customers a day. What is the percent decrease in the number of customers?
- 7) Sam spent 23 minutes on his math homework and 33.12 minutes on his spelling homework. He spent \_\_\_\_\_ percent more time on his spelling homework.
- 8) A large soda is 228 calories and a small soda is 173.28 calories. The small soda has \_\_\_\_\_ percent fewer calories.
- 9) Vanessa's family decided to get rid of their cable TV. Originally they were paying \$131 for the TV, internet and phone, but now they're paying \$75.98. What was the percent the bill decreased by?
- 10) Normally a game costs \$32. But the new special edition version is going to be \$47.36. This is an increase of \_\_\_\_\_ percent.

**Answers**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1. 30
2. 18
3. 24
4. 14
5. 12
6. 22
7. 44
8. 24
9. 42
10. 48



Solve each problem.

24	18	48	14	22
30	42	24	44	12

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1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_