

**Solve each problem.**

- 1) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 11.4 hours. What was the percent the battery life decreased?
- 2) A large soda is 209 calories and a small soda is 158.84 calories. The small soda has \_\_\_\_\_ percent fewer calories.
- 3) Janet's family decided to get rid of their cable TV. Originally they were paying \$80 for the TV, internet and phone, but now they're paying \$65.6. What was the percent the bill decreased by?
- 4) A small fruit smoothie is 24 ounces while a large fruit smoothie is 33.6 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 5) A store normally averaged 164 customers a day. But on the weekends they averaged 85.28 customers a day. What is the percent decrease in the number of customers?
- 6) Haley bought a computer for \$205.26. Kaleb bought one for \$311. Haley's computer was \_\_\_\_\_ percent cheaper.
- 7) A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$19.32 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 8) Edward used to have \$432 in the bank but after a year the amount increased to \$613.44. This was an increase of \_\_\_\_\_%.
- 9) In February Will spent 40 hours watching Netflix. In March he only spent 28 hours watching. What was the percent decrease in the amount of time he spent watching?
- 10) The price for internet on a phone was \$9 a month, but starting in November the price will be \$12.24 a month. This is a \_\_\_\_\_% increase.

**Answers**

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



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**Answers**

1. 24
2. 24
3. 18
4. 40
5. 48
6. 34
7. 38
8. 42
9. 30
10. 36



Solve each problem.

40	24	24	36	38
42	48	30	18	34

**Answers**

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