

**Solve each problem.****Answers**

- 1) Roger spent 22 minutes on his math homework and 25.08 minutes on his spelling homework. He spent \_\_\_\_\_ percent more time on his spelling homework.
- 2) It used to take Lana 7 minutes to do 20 multiplication problems. Now she can do the same page in 7.7 minutes. She is now \_\_\_\_\_ percent faster.
- 3) A library normally collected \$54.00 in fees a month. But in March they collected \$79.92. What is the percent increase in the number of fees collected in March?
- 4) A game normally cost \$57.00, but Janet used a coupon and got the game for \$49.02. The coupon was for \_\_\_\_\_ percent off.
- 5) A pole was supposed to be 13 meters long, but it was accidentally made 17.68 meters long. The pole is \_\_\_\_\_ percent longer than it needs to be.
- 6) A store sold 14.00 dollars worth of gift cards in October. The next month the goal was to sell \$18.20 worth of gift cards. This is an increase of \_\_\_\_\_ percent.
- 7) The price for internet on a phone was \$7.00 a month, but starting in November the price will be \$7.84 a month. This is a \_\_\_\_\_% increase.
- 8) Last year a fishing license cost \$60.00. This year the license will cost \$38.40. This is a \_\_\_\_\_ percent decrease.
- 9) In the spring the average score for a division worksheet was 88. But back in the fall the average score was 66.88. The fall score was \_\_\_\_\_% lower than the spring score.
- 10) Last years phone model had a battery that lasted 12 hours. This year the battery only last for 8.16 hours. What was the percent the battery life decreased?

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

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**Answers**

1. 14
2. 10
3. 48
4. 14
5. 36
6. 30
7. 12
8. 36
9. 24
10. 32



Solve each problem.

Answers

10	24	12	36	14
30	48	36	14	32

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8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_