

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

- 1) A store normally averaged 106 customers a day. But on the weekends they averaged 95.4 customers a day. What is the percent decrease in the number of customers?
- 2) A library normally collected \$30 in fees a month. But in March they collected \$38.4. What is the percent increase in the number of fees collected in March?
- 3) A game normally cost \$54, but Janet used a coupon and got the game for \$47.52. The coupon was for ____ percent off.
- 4) It used to take Katie 8 minutes to do 20 multiplication problems. Now she can do the same page in 12 minutes. She is now ____ percent faster.
- 5) In the spring the average score for a division worksheet was 95. But back in the fall the average score was 77.9. The fall score was ____% lower than the spring score.
- 6) A large soda is 208 calories and a small soda is 153.92 calories. The small soda has ____ percent fewer calories.
- 7) A small fruit smoothie is 14 ounces while a large fruit smoothie is 19.32 ounces. The large fruit smoothie is ____% larger.
- 8) Last year a fishing license cost \$54. This year the license will cost \$43.2. This is a ____ percent decrease.
- 9) The price for internet on a phone was \$6 a month, but starting in November the price will be \$8.16 a month. This is a ____% increase.
- 10) Cody used to have \$419 in the bank but after a year the amount increased to \$511.18. This was an increase of ____%.

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____



Solve each problem.

Answers

- | | |
|--|---------------|
| 1) A store normally averaged 106 customers a day. But on the weekends they averaged 95.4 customers a day. What is the percent decrease in the number of customers? | 1. <u>10</u> |
| 2) A library normally collected \$30 in fees a month. But in March they collected \$38.4. What is the percent increase in the number of fees collected in March? | 2. <u>28</u> |
| 3) A game normally cost \$54, but Janet used a coupon and got the game for \$47.52. The coupon was for ____ percent off. | 3. <u>12</u> |
| 4) It used to take Katie 8 minutes to do 20 multiplication problems. Now she can do the same page in 12 minutes. She is now ____ percent faster. | 4. <u>50</u> |
| 5) In the spring the average score for a division worksheet was 95. But back in the fall the average score was 77.9. The fall score was ____% lower than the spring score. | 5. <u>18</u> |
| 6) A large soda is 208 calories and a small soda is 153.92 calories. The small soda has ____ percent fewer calories. | 6. <u>26</u> |
| 7) A small fruit smoothie is 14 ounces while a large fruit smoothie is 19.32 ounces. The large fruit smoothie is ____% larger. | 7. <u>38</u> |
| 8) Last year a fishing license cost \$54. This year the license will cost \$43.2. This is a ____ percent decrease. | 8. <u>20</u> |
| 9) The price for internet on a phone was \$6 a month, but starting in November the price will be \$8.16 a month. This is a ____% increase. | 9. <u>36</u> |
| 10) Cody used to have \$419 in the bank but after a year the amount increased to \$511.18. This was an increase of ____%. | 10. <u>22</u> |



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1. _____
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