

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

- 1) The price for internet on a phone was \$5 a month, but starting in November the price will be \$6 a month. This is a \_\_\_\_\_% increase.
- 2) Edward used to have \$422 in the bank but after a year the amount increased to \$624.56. This was an increase of \_\_\_\_\_%.
- 3) A pole was supposed to be 12 meters long, but it was accidentally made 14.64 meters long. The pole is \_\_\_\_\_ percent longer than it needs to be.
- 4) In February Paul spent 35 hours watching Netflix. In March he only spent 20.3 hours watching. What was the percent decrease in the amount of time he spent watching?
- 5) Amy's family decided to get rid of their cable TV. Originally they were paying \$72 for the TV, internet and phone, but now they're paying \$57.6. What was the percent the bill decreased by?
- 6) A game normally cost \$60, but Bianca used a coupon and got the game for \$34.8. The coupon was for \_\_\_\_\_ percent off.
- 7) In February Robin got a puppy that weighed 15 kilograms. By October the puppy weighed 16.8 kilograms. What was the percent the puppy's weight increased?
- 8) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 16.38 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.
- 9) Last year a fishing license cost \$57. This year the license will cost \$36.48. This is a \_\_\_\_\_ percent decrease.
- 10) A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$17.08 worth of gift cards. This is an increase of \_\_\_\_\_ percent.

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Solve each problem.

**Answers**

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|---|---------------|
| 1) The price for internet on a phone was \$5 a month, but starting in November the price will be \$6 a month. This is a _____% increase.  | 1. <u>20</u>  |
| 2) Edward used to have \$422 in the bank but after a year the amount increased to \$624.56. This was an increase of _____%.   | 2. <u>48</u>  |
| 3) A pole was supposed to be 12 meters long, but it was accidentally made 14.64 meters long. The pole is _____ percent longer than it needs to be.  | 3. <u>22</u>  |
| 4) In February Paul spent 35 hours watching Netflix. In March he only spent 20.3 hours watching. What was the percent decrease in the amount of time he spent watching?                           | 4. <u>42</u>  |
| 5) Amy's family decided to get rid of their cable TV. Originally they were paying \$72 for the TV, internet and phone, but now they're paying \$57.6. What was the percent the bill decreased by? | 5. <u>20</u>  |
| 6) A game normally cost \$60, but Bianca used a coupon and got the game for \$34.8. The coupon was for _____ percent off.   | 6. <u>42</u>  |
| 7) In February Robin got a puppy that weighed 15 kilograms. By October the puppy weighed 16.8 kilograms. What was the percent the puppy's weight increased?                                       | 7. <u>12</u>  |
| 8) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 16.38 ounces instead. He should advertise the cookies as having _____ percent more chocolate. | 8. <u>26</u>  |
| 9) Last year a fishing license cost \$57. This year the license will cost \$36.48. This is a _____ percent decrease.  | 9. <u>36</u>  |
| 10) A store sold 14 dollars worth of gift cards in October. The next month the goal was to sell \$17.08 worth of gift cards. This is an increase of _____ percent.                                | 10. <u>22</u> |



Solve each problem.

**Answers**

|    |    |    |    |    |
|----|----|----|----|----|
| 26 | 12 | 42 | 20 | 36 |
| 22 | 22 | 42 | 20 | 48 |

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