

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

- 1) A library normally collected \$42 in fees a month. But in March they collected \$63. What is the percent increase in the number of fees collected in March?
- 2) Gwen used to live 10 kilometers away from the school, but after she moved she now lives 6 kilometers away. She is _____ percent closer to the school.
- 3) The price for internet on a phone was \$9 a month, but starting in November the price will be \$10.26 a month. This is a _____% increase.
- 4) A pole was supposed to be 15 meters long, but it was accidentally made 17.1 meters long. The pole is _____ percent longer than it needs to be.
- 5) In February Haley got a puppy that weighed 13 kilograms. By October the puppy weighed 14.56 kilograms. What was the percent the puppy's weight increased?
- 6) In the spring the average score for a division worksheet was 69. But back in the fall the average score was 53.82. The fall score was _____% lower than the spring score.
- 7) A game normally cost \$54, but Robin used a coupon and got the game for \$46.44. The coupon was for _____ percent off.
- 8) Ned used to have \$477 in the bank but after a year the amount increased to \$648.72. This was an increase of _____%.
- 9) A large soda is 290 calories and a small soda is 208.8 calories. The small soda has _____ percent fewer calories.
- 10) Normally a chef uses 14 ounces of chocolate to make chocolate chip cookies. But he started using 19.88 ounces instead. He should advertise the cookies as having _____ percent more chocolate.

1. _____
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Answers

1. 50
2. 40
3. 14
4. 14
5. 12
6. 22
7. 14
8. 36
9. 28
10. 42



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| | | | | |
|----|----|----|----|----|
| 14 | 12 | 22 | 28 | 50 |
| 36 | 14 | 40 | 42 | 14 |

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