



Examining Percent Increase and Decrease

Name: _____

Solve each problem.

Answers

- 1) In the spring the average score for a division worksheet was 77. But back in the fall the average score was 58.52. The fall score was ____% lower than the spring score.
- 2) Oliver used to have \$444.00 in the bank but after a year the amount increased to \$523.92. This was an increase of ____%.
- 3) Rachel used to live 10 kilometers away from the school, but after she moved she now lives 5.6 kilometers away. She is ____ percent closer to the school.
- 4) Normally a chef uses 10 ounces of chocolate to make chocolate chip cookies. But he started using 12 ounces instead. He should advertise the cookies as having ____ percent more chocolate.
- 5) In February Adam spent 33 hours watching Netflix. In March he only spent 17.82 hours watching. What was the percent decrease in the amount of time he spent watching?
- 6) Frank spent 26 minutes on his math homework and 38.48 minutes on his spelling homework. He spent ____ percent more time on his spelling homework.
- 7) A large soda is 234 calories and a small soda is 154.44 calories. The small soda has ____ percent fewer calories.
- 8) Normally a game costs \$34.00. But the new special edition version is going to be \$44.88. This is an increase of ____ percent.
- 9) A game normally cost \$50.00, but Tiffany used a coupon and got the game for \$39.00. The coupon was for ____ percent off.
- 10) The price for internet on a phone was \$7.00 a month, but starting in November the price will be \$9.52 a month. This is a ____% increase.

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Answers

1. **24**
2. **18**
3. **44**
4. **20**
5. **46**
6. **48**
7. **34**
8. **32**
9. **22**
10. **36**



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