Solve each problem.

1) Paul used to have $487 in the bank but after a year the amount increased to $584.4. This was an increase of _____%.

1. _____

2. _____

2) Last month Edward spent 89 dollars on games. This month he only spent $65.86. He spent _____ percent less this month.

3. _____

4. _____

3) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 18.46 ounces instead. He should advertise the cookies as having _____ percent more chocolate.

5. _____

6. _____

4) Haley used to live 10 kilometers away from the school, but after she moved she now lives 7 kilometers away. She is _____ percent closer to the school.

7. _____

8. _____

5) In the spring the average score for a division worksheet was 95. But back in the fall the average score was 58.9. The fall score was _____% lower than the spring score.

9. _____

10. _____

6) In February Cody spent 34 hours watching Netflix. In March he only spent 17.68 hours watching. What was the percent decrease in the amount of time he spent watching?

7) A store normally averaged 108 customers a day. But on the weekends they averaged 62.64 customers a day. What is the percent decrease in the number of customers?

8) A small fruit smoothie is 13 ounces while a large fruit smoothie is 18.46 ounces. The large fruit smoothie is _____% larger.

9) Normally a game costs $40. But the new special edition version is going to be $47.2. This is an increase of _____ percent.

10) Emily bought a computer for $116.64. Roger bought one for $216. Emily's computer was _____ percent cheaper.

Solve each problem.

1) Paul used to have $487 in the bank but after a year the amount increased to $584.4. This was an increase of _____%.

1. **20**

2. **26**

2) Last month Edward spent 89 dollars on games. This month he only spent $65.86. He spent _____ percent less this month.

3. **42**

4. **30**

3) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 18.46 ounces instead. He should advertise the cookies as having _____ percent more chocolate.

5. **38**

6. **48**

4) Haley used to live 10 kilometers away from the school, but after she moved she now lives 7 kilometers away. She is _____ percent closer to the school.

7. **42**

8. **42**

5) In the spring the average score for a division worksheet was 95. But back in the fall the average score was 58.9. The fall score was _____% lower than the spring score.

9. **18**

10. **46**

6) In February Cody spent 34 hours watching Netflix. In March he only spent 17.68 hours watching. What was the percent decrease in the amount of time he spent watching?

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Examining Percent Increase and Decrease

Name:

Solve each problem.

Answers

1. _____

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

8. _____

9. _____

10. _____

1) Paul used to have $487 in the bank but after a year the amount increased to $584.4. This was an increase of _____%.

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