



Solve each problem.

**Answers**

- 1) In February Haley got a puppy that weighed 14 kilograms. By October the puppy weighed 18.76 kilograms. What was the percent the puppy's weight increased?
- 2) Normally a game costs \$36. But the new special edition version is going to be \$48.24. This is an increase of \_\_\_\_\_ percent.
- 3) A library normally collected \$41 in fees a month. But in March they collected \$46.74. What is the percent increase in the number of fees collected in March?
- 4) A pole was supposed to be 14 meters long, but it was accidentally made 15.96 meters long. The pole is \_\_\_\_\_ percent longer than it needs to be.
- 5) In the spring the average score for a division worksheet was 73. But back in the fall the average score was 65.7. The fall score was \_\_\_\_\_% lower than the spring score.
- 6) A large soda is 290 calories and a small soda is 237.8 calories. The small soda has \_\_\_\_\_ percent fewer calories.
- 7) In February Ned spent 48 hours watching Netflix. In March he only spent 39.36 hours watching. What was the percent decrease in the amount of time he spent watching?
- 8) A store normally averaged 143 customers a day. But on the weekends they averaged 97.24 customers a day. What is the percent decrease in the number of customers?
- 9) Last year a fishing license cost \$51. This year the license will cost \$45.9. This is a \_\_\_\_\_ percent decrease.
- 10) Last month Henry spent 92 dollars on games. This month he only spent \$62.56. He spent \_\_\_\_\_ percent less this month.

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_



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**Answers**

1. 34
2. 34
3. 14
4. 14
5. 10
6. 18
7. 18
8. 32
9. 10
10. 32



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34	10	10	14	18
14	32	34	32	18

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10. \_\_\_\_\_