

**Solve each problem.**

- 1) Roger spent 21 minutes on his math homework and 29.4 minutes on his spelling homework. He spent _____ percent more time on his spelling homework.
- 2) A small fruit smoothie is 22 ounces while a large fruit smoothie is 25.96 ounces. The large fruit smoothie is _____% larger.
- 3) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 10.5 hours. What was the percent the battery life decreased?
- 4) In February Janet got a puppy that weighed 12 kilograms. By October the puppy weighed 14.88 kilograms. What was the percent the puppy's weight increased?
- 5) A library normally collected \$47.00 in fees a month. But in March they collected \$59.22. What is the percent increase in the number of fees collected in March?
- 6) In the spring the average score for a division worksheet was 98. But back in the fall the average score was 49. The fall score was _____% lower than the spring score.
- 7) Amy's family decided to get rid of their cable TV. Originally they were paying \$98.00 for the TV, internet and phone, but now they're paying \$72.52. What was the percent the bill decreased by?
- 8) Normally a game costs \$40.00. But the new special edition version is going to be \$51.20. This is an increase of _____ percent.
- 9) At a restaurant the bill came to \$82.00. If you leave \$119.72, what percent tip is that?
- 10) Bianca used to live 12 kilometers away from the school, but after she moved she now lives 10.8 kilometers away. She is _____ percent closer to the school.

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
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Answers

1. 40
2. 18
3. 30
4. 24
5. 26
6. 50
7. 26
8. 28
9. 46
10. 10



Solve each problem.

46	30	18	24	26
40	50	10	26	28

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