

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

- 1) A small fruit smoothie is 12 ounces while a large fruit smoothie is 14.16 ounces. The large fruit smoothie is \_\_\_\_\_% larger.
- 2) In February Emily got a puppy that weighed 12 kilograms. By October the puppy weighed 14.16 kilograms. What was the percent the puppy's weight increased?
- 3) Last month Will spent 71 dollars on games. This month he only spent \$58.22. He spent \_\_\_\_\_ percent less this month.
- 4) Sam used to have \$454 in the bank but after a year the amount increased to \$499.4. This was an increase of \_\_\_\_\_%.
- 5) Haley's family decided to get rid of their cable TV. Originally they were paying \$83 for the TV, internet and phone, but now they're paying \$68.06. What was the percent the bill decreased by?
- 6) Normally a chef uses 14 ounces of chocolate to make chocolate chip cookies. But he started using 18.48 ounces instead. He should advertise the cookies as having \_\_\_\_\_ percent more chocolate.
- 7) Last years phone model had a battery that lasted 15 hours. This year the battery only last for 7.8 hours. What was the percent the battery life decreased?
- 8) A game normally cost \$55, but Olivia used a coupon and got the game for \$49.5. The coupon was for \_\_\_\_\_ percent off.
- 9) It used to take Faye 7 minutes to do 20 multiplication problems. Now she can do the same page in 9.38 minutes. She is now \_\_\_\_\_ percent faster.
- 10) Maria used to live 10 kilometers away from the school, but after she moved she now lives 8.8 kilometers away. She is \_\_\_\_\_ percent closer to the school.

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



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**Answers**

1. 18
2. 18
3. 18
4. 10
5. 18
6. 32
7. 48
8. 10
9. 34
10. 12



Solve each problem.

10	34	48	12	10
18	32	18	18	18

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1. \_\_\_\_\_
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3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
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10. \_\_\_\_\_