

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

- 1) It used to take Isabel 5 minutes to do 20 multiplication problems. Now she can do the same page in 7.1 minutes. She is now _____ percent faster.
- 2) A pole was supposed to be 15 meters long, but it was accidentally made 22.2 meters long. The pole is _____ percent longer than it needs to be.
- 3) Faye bought a computer for \$212.5. Billy bought one for \$425. Faye's computer was _____ percent cheaper.
- 4) Normally a chef uses 13 ounces of chocolate to make chocolate chip cookies. But he started using 15.86 ounces instead. He should advertise the cookies as having _____ percent more chocolate.
- 5) A small fruit smoothie is 26 ounces while a large fruit smoothie is 39 ounces. The large fruit smoothie is _____% larger.
- 6) Lana's family decided to get rid of their cable TV. Originally they were paying \$81 for the TV, internet and phone, but now they're paying \$56.7. What was the percent the bill decreased by?
- 7) At a restaurant the bill came to \$79. If you leave \$109.02, what percent tip is that?
- 8) Dave used to have \$472 in the bank but after a year the amount increased to \$594.72. This was an increase of _____%.
- 9) Last years phone model had a battery that lasted 13 hours. This year the battery only last for 10.66 hours. What was the percent the battery life decreased?
- 10) A large soda is 201 calories and a small soda is 112.56 calories. The small soda has _____ percent fewer calories.

1. _____
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Answers

1. 42
2. 48
3. 50
4. 22
5. 50
6. 30
7. 38
8. 26
9. 18
10. 44



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38	18	22	44	42
26	30	50	50	48

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