

Math homework: Week of October 26:

Monday & Tuesday:



Adding & Subtracting Percents of Quantity

Name: _____

Solve each problem. Round your answer to the nearest hundredth.

- 1) Bianca ordered a shirt online that cost her \$31 total. The package arrived late so the seller took 24 percent off the price. How much did she end up paying?
- 2) An old cell phone battery would last for 18 hours. The new battery lasts 23% longer. How long will the new battery last?
- 3) A small bag of flour weighed 12 ounces. A large bag was 10% heavier. How much does the large bag weigh?
- 4) A loan company charged 34 percent interest on every dollar borrowed. If a person borrowed 182 dollars, how much would they end up paying total?
- 5) A video game was \$44. This weekend the game will be marked 11% off. How much is the game this weekend?
- 6) At a restaurant a meal used to cost \$12, but a new owner decided to raise the price by 19 percent. How much does the meal cost now?
- 7) A furniture store had a chair that cost \$45. After a few months the owner took 10% off the price. How much is the chair now?
- 8) The bill at an electronics store was \$68 before tax. Tax is 6%. What is the total price with tax?
- 9) The early version of a cell phone was 118 millimeters thick. The current version is about 14% thinner. How thick is the newer version?
- 10) A large candy bar was 95 calories. The smaller candy bar has 26 percent less calories. How many calories does the smaller candy bar have?

Answers

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____

Wednesday and Thursday

Name _____ Date _____ Core _____

Percent of Change Word Problems

1. If the price of a purse increased from \$45 to \$54, what was the percent of increase?

2. If the price of a softball glove decreased from \$60 to \$36, what was the percent of decrease?

3. Mary decreased her time in the mile walk from 30 minutes to 24 minutes. What was the percent of decrease?

4. A DVD movie originally cost \$24.99. Its current price is \$19.99. What is the percent of change rounded to the nearest percent?

Friday No Homework