

Topic 4: Applications of Percent - Blocks 8 Homework

1. **True or False:** Emma paid \$65 for a haircut. She wants to leave a 20% tip, which means she will pay a total of \$78.

2. Your favorite electronics store, Digital Doo-Dads, is having a **30% off sale** on all of their digital cameras. The special digital camera that you have been hoping to purchase was originally priced at \$145. What is the new, lower price on that camera? **Select all that apply.**

- \$43.50
- \$101.50
- One hundred one dollars and fifty cents
- \$100.00 + \$1.00 + \$0.50
- \$188.50

3. The manager of Bling-Bling Jewelry store pays \$150 for each 14-karat gold bracelet from Italy. The manager knows the price that customers will pay is \$450 for these Italian bracelets.

Is the following statement **TRUE or FALSE?** Justify your answer.

“The manager is putting a 300% markup on these bracelets.”

4. In a department store, a \$40 dress is marked, "25% off." What is the discount amount (in dollars saved)?
What is the sale price of the dress?
5. In a candy store, a \$5.00 jar of candy is labeled, "35% off." What is the discount amount (in dollars saved)?
What is the sale price of the jar of candy?
6. If the sales tax rate is 9.25% in Washington, then how much would you pay in Bellingham for a pair of shoes that costs \$49.00?