Name _____ Date _____

Percent Error and Percent Increase- Independent Practice Worksheet

Complete all the problems. Make sure to draw pictures to help you solve the problems.

1. Dennis wants to buy a card for his wife. Dennis calculates the amount of the card as $4.50. The actual price of card is $4. What is Dennis's percent error?

2. Eric sold cell phones for $70. Eric increases his sale price by 100%. What is the sales price of the cell phone?

3. Elena's math class had 24 students yesterday. She miscounted the class total and recorded it as 20 students. What is Elena's percent error?

4. Sabrina calculates the cost of a book as $50. The actual price was $56. What is Sabrina's percent error?

5. Celina bought her hand bag for $90. The purse increased in value by 50%. What is the sales price of the hand bag now?

6. Hunter thought he purchased an umbrella for $60. The actual price of an umbrella is $50. What is Hunter's percent error?

7. Marina thinks the cost to rent scooters was $100. The actual price is $150. What is Marina's percent error?

8. Jillian calculates that see will take 95 minutes to run 7 miles. She runs the distance in 80 minutes. What is Jillian's percent error?

9. Christa buys an alarm clock for $45. The store increases the purchase price of the clock by 150%? What is the new sales price of the alarm clock?

10. Sonya expected to get $60 for her birthday, but she only got $40. What was the percentage decrease of the amount Sonya received?