

Name \_\_\_\_\_

Date \_\_\_\_\_

### Percent Error and Percent Increase- Matching Worksheet

Match the word problems to their answers. Write the letter of the answer that matches the problem. Note that \$ have been removed from answers.

- \_\_\_\_\_ 1. Margaret sold shoes for \$200. Margaret increases their sale price by 100%. What is the sales price of the pair of shoes? a. 39.6
- \_\_\_\_\_ 2. Jasmine was expected to get \$150 for her bonus, but she only got \$100. What was the percent error? b. 25
- \_\_\_\_\_ 3. Jewel buys a toy horse for \$36. The store increases their purchase price by 10%. What is the sales price of the toy horse? c. 96
- \_\_\_\_\_ 4. Maya counts 55 passengers on the bus. There were only 50 passengers on the bus. What is Maya's percent error? d. 400
- \_\_\_\_\_ 5. Zoe feels like she walked 20 miles. But she actually only walked 16 miles. What is Zoe's percent error? e. 132
- \_\_\_\_\_ 6. Willow thought he read 23 pages of his book. But he only read 20 pages of his book. What is Willow's percent error? f. 15
- \_\_\_\_\_ 7. Chloe buys a globe for \$80. The store increases their purchase price by 20%. What is the new price of the globe? g. 10
- \_\_\_\_\_ 8. Lyric wants to purchase a radio for \$120. The store keeper increases the purchase price by 10%. What is the sales price of the radio? h. 50

