

Name: \_\_\_\_\_

## PERCENTS WORD PROBLEMS

**Directions:** Solve each word problem. Round your answer to the nearest tenth of a percent when applicable.



- 1.) Megan baked 136 pies to sell at her bakery. Of the pies that she baked, 40 were apple, 34 were pumpkin, and 62 were cherry. What percentage of the pies were cherry?
- 2.) Megan also baked 216 muffins to sell at her bakery. Of the muffins that she baked, 95 were chocolate, 87 were banana nut, and 34 were cranberry. What percentage of the muffins were **not** banana nut?
- 3.) Megan spent 46 minutes preparing dough, 75 minutes decorating cakes, and 32 minutes doing inventory. What percentage of time did she spend preparing dough?
- 4.) Megan's famous Unicorn Cupcakes made up 55% of her total sales today. If the total sales for her bakery today was \$276, how much money did she earn from selling Unicorn Cupcakes?
- 5.) Megan sold out of cakes on 34 of the past 51 days. What percentage of days did Megan **not** sell out of cakes?
- 6.) For every customer that calls asking about the cost of a wedding cake, 65% go on to place an order. If Megan took 80 calls from customers about wedding cakes last month, how many orders did she receive?

## **ANSWER KEY**

- 1.) 45.6% of the pies were cherry.**
- 2.) 59.7% of the muffins were not banana nut.**
- 3.) She spent 30% of her time preparing dough.**
- 4.) She earned \$151.80 from selling Unicorn Cupcakes.**
- 5.) She did not sell out of cakes on 33.3% of days.**
- 6.) She received 52 orders for wedding cakes.**