

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Block: \_\_\_\_\_

**Summative 4 Review  
Warm Up**

Solve each problem. **SHOW ALL WORK!!**

**Markup**

1. This year, Mrs. Hovis bought a ticket for a movie for \$12. This is 5% more than last year. How much were movie tickets last year?

**Mark Down**

2. At the teacher store, Mrs. Wolf bought a pen that automatically grades papers that was on sale for \$24.50. The original cost of the pen was \$42. What percent is the original price marked down?

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## Summative 4 Review

1. Mr. Evans decided to take the 7th grade math team out to lunch at Chesapeake Inn. The bill was \$74.65. Mr. Evans insisted on giving the waiter a 25% tip, and, of course, there was 6% sales tax. What is the amount Mrs. Turner should pay including tax and tip? **Show all work.**

2. Mrs. Wolf bought a python for her 2 young sons. It would have cost her \$159.99, but it was on sale for 42% off. What did Mrs. Wolf pay for her sons' new cute and cuddly pet? **Show your work.**

3. Mrs. Wolf has \$2,985 in her savings account, and Mrs. Hovis has \$2,500 in her savings account. The interest rate is 4% and is not compounded. Using the formula  $I = prt$ , how much more money will Mrs. Wolf have in her savings account at the end of 18 months than Mrs. Hovis? **SHOW YOUR WORK.**

4. Is the percent of increase from 66 to 70 the same as the percent of decrease from 70 to 66? Justify your answer.

5. Dr. Fox purchased a rare poster of *The Three Stooges* 15 years ago for \$235. The value of the poster has increased 7% for each year he has owned the poster. How much is the poster worth right now?

6. Mr. Hovis buys Mrs. Hovis the same present every year for her birthday, a birthday card. This year's birthday card cost \$4.25 which is 3% more than what it cost last year. How much did Mr. Hovis pay for Mrs. Hovis' birthday present last year?

7. Mr. Wharton bought some "OMG! I Love Those Boots!" the other day for \$35.99. The original price for the boots were \$75.65. What percent is the original price marked down?

8. What is 250% of 44? **Show your work.**

9. Mr. Henry has a second job of selling sun tan lotion to vampires and hair brushes to werewolves. He had them complete a survey on how they liked their product. Out of the 120 vampires, 72% said they were happy with the product, and 93% of the 98 werewolves said they were happy. Which group, vampires or werewolves, was happier with their product? **Show your work.**

## Attachments

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