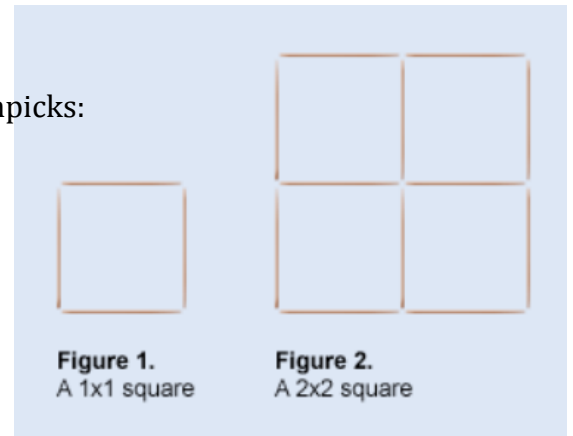


Name \_\_\_\_\_

### Warm Up 3

**Part A** - To the right are some figures made out of toothpicks:

1. Draw a picture of figure 3 below:



2. How many toothpicks are needed to create figure 1? Figure 2? Figure 3?

3. Write a rule for the number of toothpicks needed in the  $n$ th figure.

**Part B** - Answer the following questions

1. If Steve drives an average of 35 miles an hour and it takes him 2 hours to get to work, how far away does he live from his job?

2. A can of Pringles costs \$1.99, and a box of Little Debbie's Oatmeal cookies costs \$2.49. If I buy 3 cans of Pringles and 2 boxes of Oatmeal cookies, how much will it cost me?

3. A Little Caesars Hot-N-Ready pizza costs \$5. The Rodriguez family's order came to \$35, how many pizzas did they order?

**Bonus:** Norman weighs 230 pounds. His goal is to lose 30 pounds in 90 days. If he loses enough weight each day to make his goal, how much will he weigh after 50 days?