****Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period \_\_\_\_\_\_\_\_\_ B

***Pre-Algebra Ch. 1***

***PRACTICE QUIZ***

**Find the area and perimeter of each. Show all support work for each problem! Make sure your answers have the proper units.**

**1) 2)**



A = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

P = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ P = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**3) 4)**

 

A = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ A = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

P = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ P = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Turn Over 🡪

**5)** What is the area and perimeter of a rectangle with a width of 7 meters and a length of twice that amount? (Drawing a picture may be helpful)

A = \_\_\_\_\_\_\_\_\_\_\_\_\_ , P = \_\_\_\_\_\_\_\_\_\_\_\_\_\_

6) **MATHCING**: (translating words into mathematical expressions)

Match the letter expression on the left to its mathematical translation on the right. You can draw a line to connect them.

1. Take the number “x” and triple it. i. 2•x or 2x
2. 5 more than a number “x”. ii. x ÷ 2
3. The number “x” cut in half. iii. 3x or 3(x) or 3•x
4. Twice the number “x”. iv. x + 5

**7)** The “Sinnamon Bakery” can bake 12 cakes in 2 hours. At this same rate, how many cakes can they make in 1 hour?

**8)** Sophie wanted to know how many pets her 8 closest friends have. She collected the following data from her friends:

Chris – 1 Jacob – 2 Tatum – 1

Brian – 2 Ben – 0 Maya – 1

Alex – 4 Dani – 5

First, put the data values in order from least to greatest on the line below:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***8a***. Find the mean of the data set.

Mean = \_\_\_\_\_\_\_\_\_\_

***8b.*** Find the median of the data set.

Median = \_\_\_\_\_\_\_\_\_\_

**HOW DID YOUR PRACTICE QUIZ GO?**

**PUT A CHECK MARK NEXT TO THE TOPICS YOU THINK YOU *NEED MORE PRACTICE ON*:**

🞏 area of polygons ( triangle , rectangle , parallelogram , trapezoid ) *🡪 In CPM Textbook*

🞏 perimeter of polygons ( triangle , rectangle , parallelogram , trapezoid ) *🡪 In CPM Textbook*

🞏 rates 🡪 ( Ex: 12 cakes in 2 hours, then 36 cakes in \_\_\_\_\_\_\_ hours ….. )

🞏 translating mathematical expressions (twice, triple, half, double, etc…)

🞏 finding the mean of a data set *🡪 In CPM Textbook & Class Notes*

🞏 finding the median of a data set *🡪 In CPM Textbook & Class Notes*