Math Concepts Problem Set 7	Name	
Assigned Friday 10/19, due Frid	lay 10/26	
No Work Shown, No Credit G	iven Period	1 2 7
Problems #1-#8 can be comple	ted on this paper. The wo	ork for 2
problems #9-#14 needs to be at	ttached on <i>a separate piec</i>	e of paper. 3
		4
1. Finish the stem-and-leaf plot	for the following set of data	a: 64, 87, 52, 12, 17, 5
23, 45, 88, 45, 92, 62, 76, 77	', 34, and 53.	6
	1	7
2. Write each set of decimals fro	om least to greatest.	8
<b>a</b> ) 0.0089, 0.03, 0.011 <b>b</b> )	47.2, 47.197, 47.05	c) 7.891, 7.91, 7.8 9
<b>3.</b> Which numbers are between 2	2.41 and 2.49? Circle all nu	mbers that apply.
2.42 2.44	2.4 2.411	2.5

4. Given the data in the table, complete the histogram below to represent families of various vizes Remember that .

sizes. Remember that	X	# of Family	^
data falling on a tick	Student	Members	4 🗕
mark (3, 6, 9,)	LaTrese	4	ð.
goes in the bin to the	James	8	
right of that mark.	Phu	7	
	Byron	3	Ë L
	Evan	2	1 +
	Diamond	11	
	Jackie	5	
	Antonio	5	0 3 6 9 12 15
	Shinna	6	Number of family members
	Ryan	8	

5. Find the area ("tiles") and perimeter ("toothpicks") of the shape below that was cut from graph paper. Each tile is a square centimeter.

Area =

**Perimeter** =



6. Write down at least three different pairs of numbers that add together to get 1.

5 cm



**12**. Draw and label two different rectangles, each with a *perimeter* of 12 units. Do the rectangles have the same *area*? Explain your thinking.

**13.** Jenny has been saving her babysitting money for a class field trip to Washington, D.C. She wants to save \$200.00 over three months. She saved \$53.00 the first month and \$67.00 the second month. *Show the work to find* the amount of money she still needs to earn.

**14.** Janelle <u>and</u> three of her friends bought four smoothies of equal cost for a total of \$6. If she purchases the same smoothies on another day for herself <u>and</u> nine of her friends, how much money will she spend?