

Instructions For Gathering data for First Spreadsheet Test

Name _____

Period _____

1. Choose a partner for the first part of this exercise. This person cannot be someone that you normally sit next to.
2. Each pair of students will select **8 objects** [one at a time] and then carefully trace the circumference on the sketch paper provided to you [label the circle drawn by an object name]. A pair may share this sketch sheet.
3. Carefully measure the circumference (**C**) of each object [a close approximation] and mark it in the circumference column for that object on the tables below. Each person must have their own sheet for listing measurements and calculations.
4. Use the ruler to measure the approximate diameter (**D**) [from the drawing on the sketch sheet]; do this by carefully moving the ruler across the edges of the circle until you believe you have the greatest diameter estimate. Write this length on the worksheet under diameter.
5. Calculate the ratio of C/D in two ways. First write C/D as a fraction. Then, divide C by d [$C \div D$] and write your answer as a decimal rounded to the hundredth place.
6. When you have completed this sheet, go to the teacher for the next set of instructions.

all measures to be in centimeters [cm]

Object	Circumference (C)	Diameter (D)	C/D (fraction)	$C \div D$ (decimal)
EX. Hub cap	80.5	25.4	80.5/25.4	3.17
1.				
2.				
3.				
4.				
5.				
6.				
7.				
8.				

**WHEN YOU COMPLETED ALL THE WORK, BE SURE TO
TURN IN THIS SHEET**