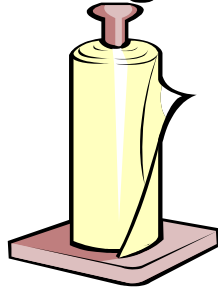


The Big Roll



You are shopping in your local supermarket for paper towels. As you read the labels on the different brands, you wonder about the thickness of each towel. But, you cannot find this information on the label. You select a brand that advertises great absorbency and decide to find the thickness of one towel. By taking some measurements and applying formulas from geometry, you determine a thickness for one paper towel from this roll.

1. Use the information provided on your roll of paper towels to help find the thickness of one sheet from your roll.
2. After you have determined a thickness for your one sheet, you will be provided additional data from a research source about the thickness. Use this data to find your percent of error in the thickness of one paper towel from your roll.
3. Make a list of what could have affected the percent of error.

