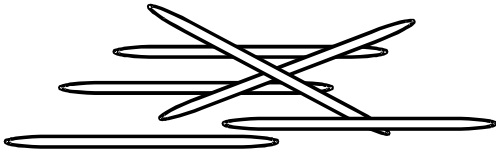


Measuring with Toothpicks

Lesson Title: Estimation and Measurement

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Name: _____



1. How many toothpicks do you think it would take to make a line of toothpicks across the top of your paper? _____

2. Now count the number of toothpicks it takes to make the line across the top of the paper. How many toothpicks did it take? _____

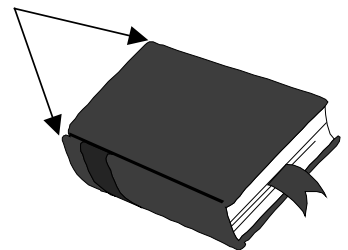
3. How close was your estimate (guess)? _____

4. How many toothpicks do you think it would take to make one line of toothpicks from the top to the bottom of the paper? _____

5. Now, try it! How many toothpicks did it take? _____

6. How close was your estimate (guess)? _____

7. How many toothpicks would it take to measure the width of a book from the spine to the side where the book opens? Write down your estimate and then try it.



Estimate (guess):

What it really was:

8. Try estimating then measuring other objects using toothpicks. Are your estimates getting better? Why?