

Name: _____

Date: _____

Analyzing Data

How many letters from alphabet pasta do you need to find the probability that you can spell: supercalifragilisticexpialidocious?

Materials

Pasta alphabet (alphabet soup works well)

Procedure

1. Measure out 30 mL of alphabet pasta.
2. Create a data table and record the frequency of each letter of the alphabet.
3. Analyze “supercalifragilisticexpialidocious” for the letters needed.
4. Analyze the data you have and decide how many mL of alphabet soup you will need to spell supercalifragilisticexpialidocious.
5. Measure out the amount you determined is needed and see if you can spell supercalifragilisticexpialidocious.

Questions

1. Were you able to spell the word? How many extra/short were you of letters found in supercalifragilisticexpialidocious?

2. Compare your results with those of other groups. Were the results consistent? Why or why not?

3. Describe how you could use this type of activity in real life.
