

## What Can Data Tell Us?

Lesson Title: What Can Data Tell Us?

Page 1 of 3

Name: \_\_\_\_\_



### Tower of Hanoi

Use the Tower of Hanoi

(<http://www.lhs.berkeley.edu/Java/Tower/Tower.html>)

simulation to record data in this table.

Number of Disks	Number of Moves
3	
4	

### Cereal Box Problem Simulation

Use the Cereal Box Problem Simulation

(<http://www.mste.uiuc.edu/reese/cereal/cereal.html>) to record data in this table and answer the questions.

Number of Prizes	Number of Cereal Boxes

## What Can Data Tell Us?

Lesson Title: *What Can Data Tell Us?*

Page 2 of 3

Name: \_\_\_\_\_

### Questions:

What will your sample size be? Why?

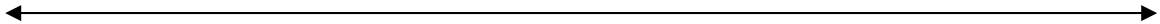
How will you record your results?

How will you analyze your results?

What questions will you be able to answer by looking at this data?

**Use the following number line to display your results and then answer the questions.**

Number Line



Are there places where the data seems to pile up?

## What Can Data Tell Us?

*Lesson Title: What Can Data Tell Us?*

*Page 3 of 3*

Name: \_\_\_\_\_

Are there places where there is little or no data?

What number is in the middle?

What are the highest and lowest numbers?

What is your sample size?

What question(s) can be answered by looking at this data collection?