

Home Connections Math Activities

Grade 5

Data Management and Probability

A Picture Is Worth A Thousand Words

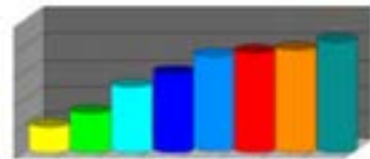
Laundry Links

A Picture is Worth a Thousand Words

1. Help your child find two graphs in a newspaper or magazine.
2. Discuss the graphs with your child:
 - What data is the graph representing?
 - What conclusions can be drawn from the data?



Graphs present data in a quick way.



Let's Talk About It

- Why is it important to show information in a graph?
- Which graph was easier to read? Why?

Laundry Links

Have your child pick one of the problems to solve.

Problem 1: Three pairs of socks are in the laundry; one green pair, one white pair, and one blue pair. Four socks get lost.



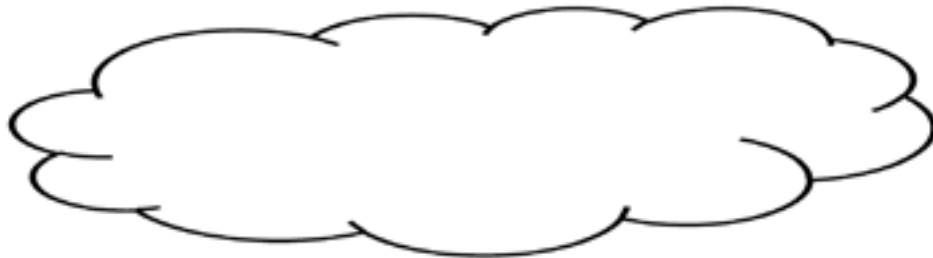
- a) What are the chances that the two socks left behind will match (certain, likely, unlikely, impossible)? Why?
- b) What are the chances that the two socks left behind will not match (certain, likely, unlikely, impossible)? Why?

OR

Problem 2: Three pairs of socks are loose in a drawer; one blue pair, one green pair, and one white pair. Two socks are picked out of the drawer.



- a) What are all the possible combinations?
- b) What is the probability of getting a matching pair?



Let's Talk About It

- If you had 4 pairs of socks, how would your answers change?
- How do you find the probability?