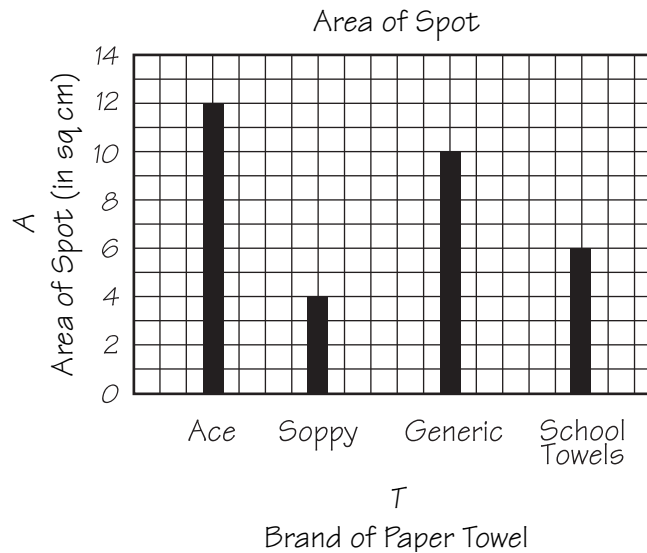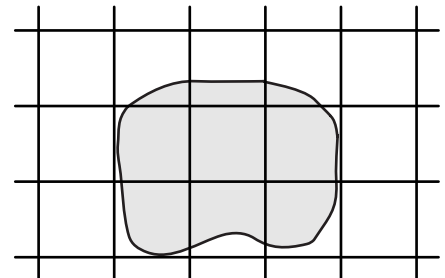# Lori's Questions

Lori did *The Better "Picker Upper" Lab* using four different brands of paper towels. She dropped two drops of water on each of the paper towels. Her graph is shown below.

Area of Spot

1. Which paper towel had a spot with an area of 10 sq cm? _____

2. This is one of Lori's spots. She forgot to label it. Which paper towel is this spot from? Show or tell how you decided.

3. Lori did the experiment again, but this time she dropped five drops of water on a small paper towel. The picture on the right shows Lori's spot on her paper towel. How many drops of water do you think it would take to cover this towel completely? Show or tell how you decided.

Lori Paper Towel
(actual size)
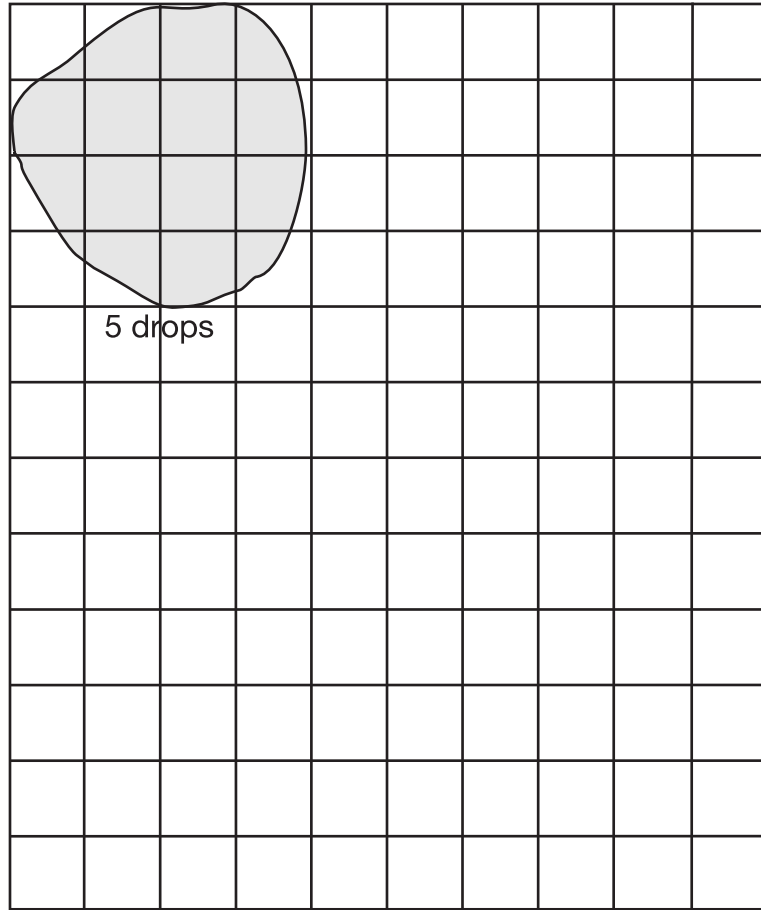
5 drops

4. Lori's mother wanted to know which of three brands of paper towels picked up the most water. Lori did The Better "Picker Upper" Lab experiment at home on the three paper towels. She used the same size paper models to find the number of drops. Her data is below.

Area of Spot

T Brand of Towel	A Area of Spot (in ___sq cm___)			
	Trial 1	Trial 2	Trial 3	Median
Soak-Em	10	11	11	11
Soppy Basic	8	10	9	9
Thirsty	5	4	5	5

Number of Drops

T Type of Towel	N Number of Drops
Soak-Em	20
Soppy Basic	25
Thirsty	40

Area of Spot

Number of Drops
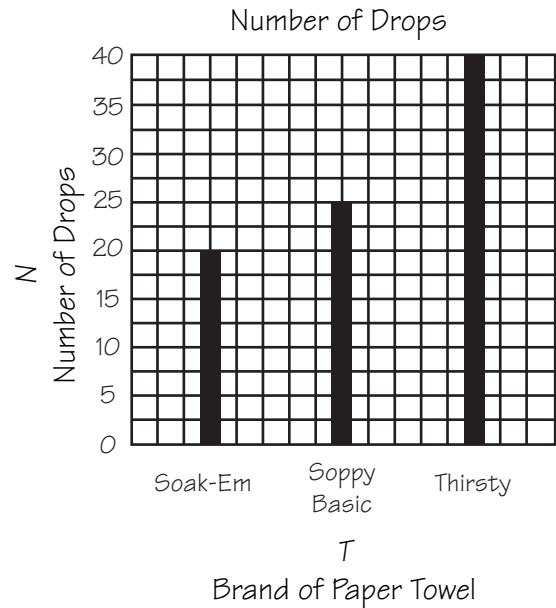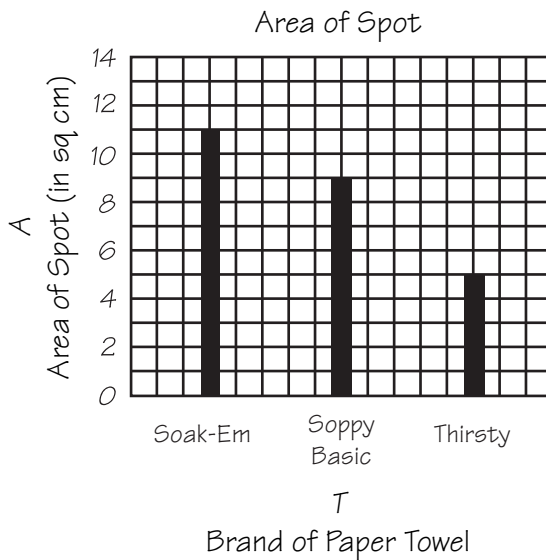
Which paper towel should Lori recommend that her mother buy? Explain.

Name _____   Date _____

Lori's Questions Feedback Box	Expect-ation	Check In	Comments
Find the area of shapes with curved sides by counting square centimeters. [Q# 2–3]	E3		
Read a table and graph to find information about a data set. [Q# 1–2, 4]	E6		
Make predictions and generalizations about a data set using data tables, graphs, and diagrams. [Q# 3–4]	E8		

	Yes . . .	Yes, but . . .	No, but . . .	No. . .
MPE1. Know the problem. I read the problem carefully. I know the questions to answer and what information is important. [Q# 4]				
MPE2. Find a strategy. I choose good tools and an efficient strategy for solving the problem. [Q# 4]				
MPE5. Show my work. I show or tell how I arrived at my answer so someone else can understand my thinking. [Q# 4]				
MPE6. Use labels. I use labels to show what numbers mean. [Q# 4]				