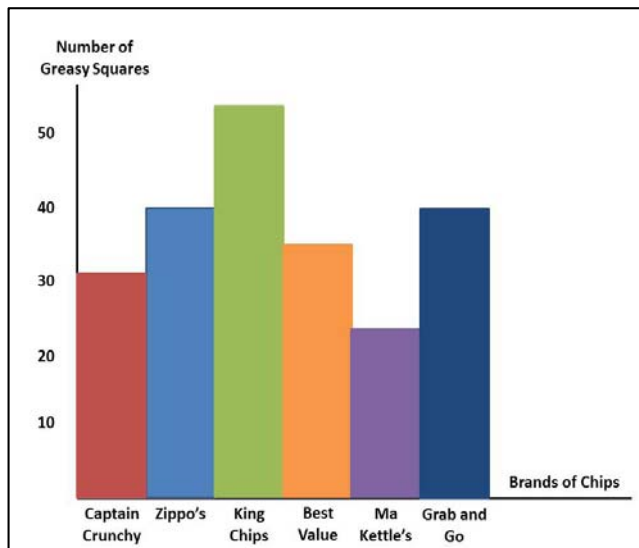


Get out the Grease!

DIRECTIONS: Read the passage and study the chart. Then answer the questions.

Potato chips are notoriously greasy. But Bianca LOVES potato chips, so she designed an experiment to see if there was a brand of potato chips that was less greasy than other brands. First, she selected four different brands of chips. For each brand she wrote down the brand name and the serving size. Then she counted out the number of chips equal to the serving size. Then she counted out the number of chips equal to the serving size.



Next, working with one brand of chips at a time, she laid the chips on a sheet of graph paper, covered them with wax paper, and used a rolling pin to completely smash the chips. When she was finished, she brushed the chip crumbs into a garbage can and looked at the grease stains on the graph paper. She counted the number of squares that had soaked up grease, only counting the squares that were half-full or more. Then she wrote down the number of squares next to that brand of chips. She repeated this process for each brand of chips, using a fresh sheet of graph paper each time. Then she put her results into the chart below.

1. Which brand of chip was the greasiest?
2. Approximately how many squares did the greasiest brand cover with grease?
3. Which two brands had the same amount of grease?
4. What was the objective of Bianca's experiment?
5. Did she accomplish her objective? What was the answer?