Name: _____   **Date:** _____

1. The school bus Evie rides is scheduled to arrive at her stop at 8:20 a.m. each day. The table below shows the actual arrival times of the bus for several days that were randomly selected over the past few months.

    BUS ARRIVAL TIMES (a.m.)

8:21	8:21	8:19	8:20	8:23
8:22	8:20	8:18	8:20	8:18
8:21	8:20	8:19	8:17	8:25
8:20	8:20	8:18	8:19	8:24

    Based on these data, what is the probability that the bus will arrive at Evie's stop before 8:20 a.m. tomorrow?

    A. $\frac{3}{10}$ B. $\frac{1}{3}$ C. $\frac{7}{20}$ D. $\frac{13}{20}$

2. A spinner with seven equal-sized sections was used to play a game.

    - It was used 250 times in the first game.
    - Of those 250, the arrow landed on section 7 a total of 35 times.
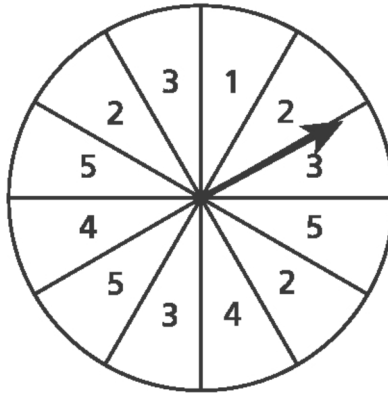   - The same spinner was used 150 times in the second game.

    How many times did the spinner *most likely* land on section 7 in the second game?

    A. 14   B. 21   C. 30   D. 35

3. A storeowner made a list of the number of greeting cards sold last month. The store sold 167 thank-you cards, 285 birthday cards, and 56 blank cards. Based on these data, which number is closest to the probability that the next customer will buy a blank card?

    A. 0.11   B. 0.33   C. 0.56   D. 0.89

4. A board game has a spinner divided into sections of equal size. Each section is labeled with a number between 1 and 5.

Which number is a reasonable estimate of the number of times the spinner will land on a section labeled 5 over the course of 150 spins?

A.   15   B.   25   C.   40   D.   60

5. At a store, customers are randomly selected to participate in a survey. On Friday, there were 500 customers at the store. Of those, 90 were selected to participate in the survey. On Saturday, the store manager expects 700 customers in the store. If the probability of being selected to participate in the survey on Saturday is the same as it was on Friday, how many customers will be selected to participate in the survey on Saturday?