Hands On: Probability Experiment

Solve.

1. Jason rolled a number cube 8 times. It landed on 6 three times. What fraction of the rolls landed on 6?

2. Seven of the 28 students in a classroom are left-handed. What fraction of the students are right-handed?

3. In a bag there are 3 green marbles, 5 yellow marbles, and 4 blue marbles. What fraction of the marbles are yellow?

4. In a parking lot there are 4 gray cars, 2 white cars, 3 black cars, and 1 blue car. What fraction of the cars are not gray?

5. Norman has a bag with 5 marbles in it. There are red, white, and blue marbles. The fraction of white marbles is \( \frac{2}{5} \). Picking a blue marble is more likely than picking a red marble. How many marbles of each color are in the bag?

6. In a bag of number tiles, there are 9 consonant tiles and 4 vowel tiles. What could you add to the bag to make the fraction of consonant tiles \( \frac{3}{5} \)?