

9B Find the probabilities of a simple event and its complement ...

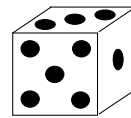
1. Jeff has a bag with 4 green marbles, 5 red marbles, and 1 black marble. If he randomly pulls a marble from the bag, what is the probability it is a green marble?

- A $\frac{4}{9}$
B $\frac{2}{5}$
C $\frac{3}{10}$
D $\frac{1}{2}$

2. When he plays baseball, Ricky gets a hit 3 out of every 10 times at bat. What is the probability he does *not* get a hit the next time he is at bat?

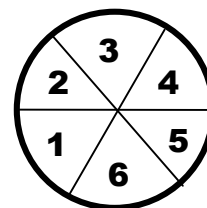
- A $\frac{3}{10}$
B $\frac{2}{3}$
C $\frac{7}{10}$
D $\frac{1}{2}$

3. What is the probability of rolling a 5 on a numbered cube numbered 1 through 6?



- A $\frac{1}{2}$
B $\frac{1}{3}$
C $\frac{1}{4}$
D $\frac{1}{6}$

4. What is the probability the spinner below will land on a 3 or 6?



- A $\frac{1}{2}$
B $\frac{1}{3}$
C $\frac{1}{4}$
D $\frac{1}{6}$