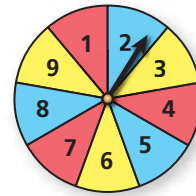


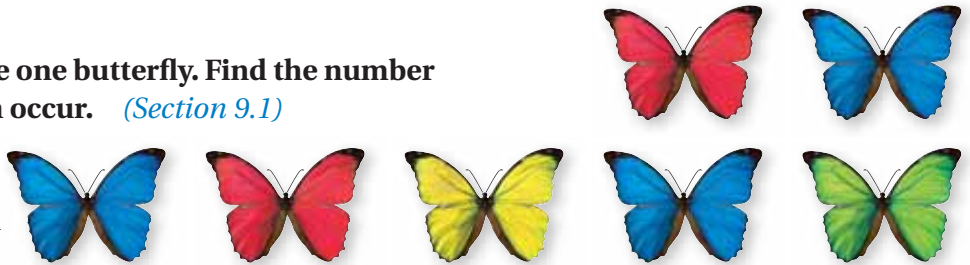
You spin the spinner. Find the favorable outcomes of the event. (Section 9.1)

1. Spinning an even number
2. Spinning a number divisible by 4
3. Spinning a number greater than or equal to 3



You randomly choose one butterfly. Find the number of ways the event can occur. (Section 9.1)

4. Choosing red
5. Choosing brown
6. Choosing *not* blue



You randomly choose one push pin from the jar. Determine the theoretical probability of the event. (Section 9.2)

7. Choosing a yellow pin
8. *Not* choosing a blue pin
9. Choosing a green or red pin



12 Green
6 White
8 Red
4 Blue
10 Yellow



The spinner is spun. Determine if the game is fair. If it is *not* fair, who has the greater probability of winning? (Section 9.2)

10. You win if the number is even. Your friend wins if the number is odd.
11. You win if the number is less than 4. Your friend wins if the number is 4 or greater.
12. **TICKETS** The theoretical probability that your ticket will be drawn from a bucket to win a bicycle is $\frac{1}{35}$. There are 665 tickets in the bucket. How many tickets are yours? (Section 9.2)
13. **APPLES** There are 104 apples in a bushel. The probability of randomly choosing a Granny Smith apple from the bushel is 25%. How many of the apples are *not* Granny Smith apples? (Section 9.2)