☑ Try It!

The designer of *Flip 'n' Spin* creates a new game using a 5-section spinner, as shown. How does the new spinner change the probability of winning a prize?

Using the 5-section spinner, the probability of winning a prize

is [   ] × [   ] = [   ] , or [   ] .

It is [   ] likely that a player will win a prize when using the

5-section spinner than when using the 4-section spinner.

Kacie will toss two coins. What is the probability of the two coins landing heads up? What is the probability of the two coins NOT landing heads up?

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Jamie will roll two number cubes numbered 1 to 6 and find the sums. Are these events mutually exclusive?

a. rolling sums of 6 and multiples of 3?

b. rolling odd sums and multiples of 2?