



Warm Up

Kings in a Poker Hand

The table below describes the probability of getting different numbers of Kings when playing poker.

1. Fill in the missing value; that is, what is the probability of having zero Kings in a poker hand?

| Number of Kings | Probability |
|-----------------|-------------|
| 0 | |
| 1 | 0.29947 |
| 2 | 0.03993 |
| 3 | 0.00174 |
| 4 | 0.00002 |

2. What is the probability of getting at least 3 Kings?

3. What is the probability of getting no more than 2 Kings?

4. What is the probability of getting at least 1 King?

5. What is the expected number of Kings?

MAIN IDEAS: List the Main Ideas for Today's Lesson
