| | Names: | | |
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| Ac | Activity #5: Counting 2 Statistics | | |
| 1. | . Suppose we flip a coin 15 times in a row. What is the probability that we flip heads at least 11 ti | mes? | |
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| 2. | . In poker, a "Four of a Kind" hand consists of all four cards of a given rank plus a fifth card called For example, a hand consisting of all four 7 cards plus a King is a four of a kind. | the kicker | |
| | Suppose we draw five cards from a standard deck. What is the probability that we draw four of a | ı kind? | |
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| 3. | . The eight justices of the U.S. Supreme Court have decided to play a game of 4-on-4 volleyball. In different ways can they divide into two teams of four players each? | how many | |
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| 4. | . In how many ways can the letters in the word BOOKKEEPER be arranged? | | |
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| 5. | Suppose we flip a coin 10 times in a row and count the number of heads, k . This number can be any integer from 0 to 10. |
| | Construct a table to summarize, for each k , the number of ways we could flip exactly k heads. |
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| c | 15 marsh and to be divided into 2 to one of 5 marsh and a collect Trans. A. Trans. D. and Trans. C. Inchampara |
| 0. | 15 people are to be divided into 3 teams of 5 people each, called Team A, Team B, and Team C. In how many ways can these teams be formed? |
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