Intro to Compound Probability Armstrong

P(A and B)=P(A) × P(B)



Directions: Determine the probability of one event, then determine the probability of the second event, then multiply the two probabilities.

1. What is the probability of spinning a 2 and rolling a 5? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Answer:  x  =

1. What is the probability of spinning an even # and rolling a 3? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What is the probability of spinning a 3 and rolling an odd number? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. What is the probability of spinning and landing on yellow and rolling an even #? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What is the probability of spinning a 3, 4, or 5 and rolling a 3, 4, or 5? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What is the probability of spinning an odd # and rolling a number less than 4? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. What is the probability of spinning a number more than 7 and rolling a 6? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. What is the probability of spinning a number less than 5 and rolling an odd #? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. What is the probability of spinning a 2 and rolling a number less than 5? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
9. What is the probability of spinning a number more than 7 and rolling a number less than 5? ­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_