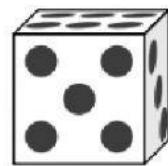


Probability of Independent Events

If two events, A and B are independent, then the probability that both will happen is $P(A) \times P(B)$



A penny is tossed and a number cube is rolled. Find the probabilities.

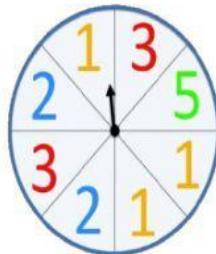
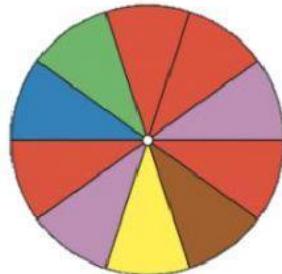
1. $P(\text{tails, 4}) = \underline{\hspace{2cm}}$

2. $P(\text{heads, odd number}) = \underline{\hspace{2cm}}$

3. $P(\text{heads, not 3}) = \underline{\hspace{2cm}}$

4. $P(\text{tails, 7}) = \underline{\hspace{2cm}}$

You spin both spinners. Find the probabilities.



5. $P(\text{blue, 3}) = \underline{\hspace{2cm}}$

6. $P(\text{red, 3}) = \underline{\hspace{2cm}}$

7. $P(\text{yellow, 2}) = \underline{\hspace{2cm}}$

8. $P(\text{green, 5}) = \underline{\hspace{2cm}}$

9. $P(\text{purple, odd number}) = \underline{\hspace{2cm}}$

10. $P(\text{blue, even number}) = \underline{\hspace{2cm}}$

11. $P(\text{white, 1}) = \underline{\hspace{2cm}}$

12. $P(\text{brown, 5}) = \underline{\hspace{2cm}}$

