




Name _____ Class _____ Date _____

1 You flip a coin two times. The probability of getting **two tails** is represented by _____.

- A $\frac{1}{4} + \frac{1}{4}$
- B $\frac{1}{2} + \frac{1}{2}$
- C $\frac{1}{4} \cdot \frac{1}{4}$
- D $\frac{1}{2} \cdot \frac{1}{2}$

2 Kara was picking cards from a regular deck. If she replaced the card she picked back into the deck, what is the probability that she would first pick a **king** and then a **club**?

- A $\frac{1}{13}$
- B $\frac{1}{52}$
- C $\frac{16}{52}$
- D $\frac{17}{52}$


3 The following spinner is spun once and the die is rolled once. What is the probability that the **spinner will land on a non-blue area** and the **die will roll a** 


4 There are 10 marbles in a bag. Two of them are green, three are blue, four are yellow, and one is red. What is the probability of picking a **yellow** and then a **green marble** if the first marble




PREVIEW

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5 A true
B false 

A {1H, 2H, 3H, 4H}
B {1H, 2H, 1T, 2T}
C {1H, 1T, 2H, 2T, 3H, 3T, 4H, 4T}
D {1H, 2H, 3H, 4T} 

9 A **sample space** consists of the numbers 1 – 5 and the colors blue, red, and green. What is the probability of getting a **2 and green**?
A $\frac{1}{3}$ B $\frac{1}{5}$ C $\frac{1}{10}$ D $\frac{1}{15}$

10 On a pizza, three slices have **mushrooms**, two slices have **sausage**, and three slices have **pepperoni**. What is the probability of getting a piece with **sausage**? 
A $\frac{1}{2}$ B $\frac{1}{4}$ C $\frac{1}{8}$ D $\frac{3}{8}$



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(D)

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(B)

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(A)



5

PREVIEW

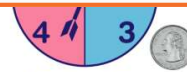
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7

- A true
- B false



- A {1H, 2H, 3H, 4H}
- B {1H, 2H, 1T, 2T}
- C {1H, 1T, 2H, 2T, 3H, 3T, 4H, 4T}
- D {1H, 2H, 3H, 4T}



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(B)