



Name _____ Class _____ Date _____

1

What is the probability of the **independent events** of flipping a coin and getting **tails**, and rolling a die **and** getting a **4**?

- A $\frac{1}{2}$ C $\frac{1}{8}$
 B $\frac{1}{6}$ D $\frac{1}{12}$

2

If a die is rolled **two times**, what is the **probability** of getting **two 6s**?

- A $\frac{1}{36}$ C $\frac{1}{12}$
 B $\frac{2}{12}$ D $\frac{1}{6}$

3

From a deck of **52** playing cards, a card is picked and then replaced. What is the **probability** of picking a **queen and then a jack**?

4

The spinner shown is spun two times. What is the **probability** that it will land on **red both** times?

- A $\frac{1}{4}$ C $\frac{2}{4}$



5



PREVIEW

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7

- A $\frac{7}{25}$ B $\frac{7}{156}$ C $\frac{12}{156}$ D $\frac{21}{156}$

orange jellybean?

- A $\frac{121}{930}$ B $\frac{132}{930}$ C $\frac{121}{961}$ D $\frac{121}{961}$

9

Margarita picks a card from a deck of **52** cards. Without replacing it, she picks another card from the deck. What is the **probability** she will pick a **heart and then a club**?

- A $\frac{1}{16}$ B $\frac{1}{17}$ C $\frac{13}{102}$ D $\frac{13}{204}$

10

There are **6** blue, **8** black, and **4** brown socks in a drawer. If two are picked and the first one is **not replaced**, what is the **probability** of picking **2 blue socks**?

- A $\frac{64}{306}$ C $\frac{16}{306}$
 B $\frac{30}{306}$ D $\frac{11}{35}$



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(D)

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(A)

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(D)

- 4 The spinner shown is spun two times. What is the **probability** that it will land on **red both** times?

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(B)

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(D)

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