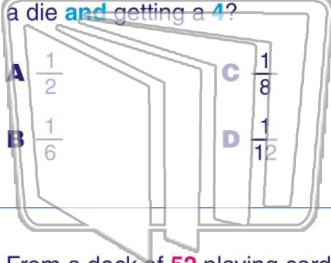




Name _____ Class _____ Date _____

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



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

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

NEW PATH LEARNING

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

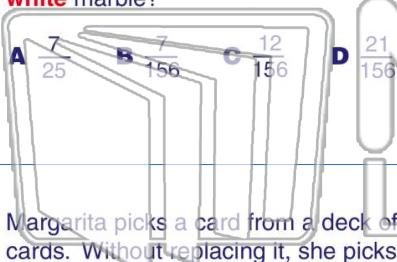
4 The spinner shown is spun two times. What is the **probability** that it will land on **red both** times?



PREVIEW

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7 the first one is **not replaced**, what is the **probability** of picking a **red and then a white** marble?



8 A jar contains 121 jellybeans. A person picks one out, eats it and then picks out another one. What is the **probability** that he will pick a **yellow** jellybean first **and then an 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**?

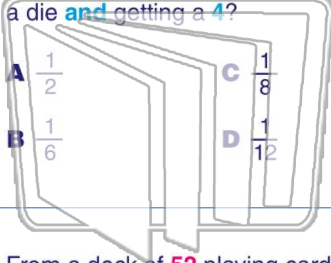
- A $\frac{64}{306}$
- B $\frac{30}{306}$
- C $\frac{16}{306}$
- D $\frac{11}{35}$

NEW PATH LEARNING



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NEW PATH LEARNING

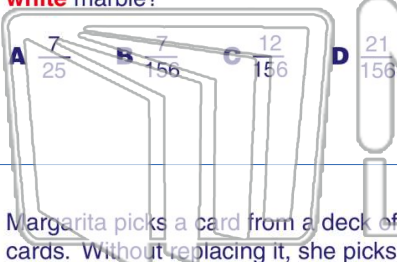
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5 **PREVIEW**
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7 the first one is **not replaced**, what is the **probability** of picking a **red and then a white** marble?



8 Anyanya has a jar of jellybeans. She picks one out, eats it and then picks out another one. What is the **probability** that he will pick a **yellow** jellybean first **and then an orange** jellybean?

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

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- B $\frac{30}{306}$
- C $\frac{16}{306}$
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