




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 The probability that an event **will occur** is a number between **0 and 1**.
- A** true  
**B** false

- 2 Which number would represent an event that is **very likely** to occur?
- A**  $\frac{2}{3}$     **B**  $\frac{2}{5}$     **C**  $\frac{1}{2}$     **D**  $\frac{5}{6}$


- 3 A spinner is divided into four equal sections marked red, yellow, blue and green. **What is the probability of landing on a green section?**
- 


- 4 In the word **lesson**, the probability of picking the letter **s** would be \_\_\_\_\_.
- A**  $\frac{1}{6}$     **B**  $\frac{2}{6}$     **C**  $\frac{3}{6}$     **D**  $\frac{2}{3}$

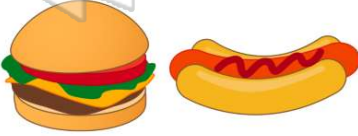



**PREVIEW**

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- 5 picking a **red marble?**
- 
- A**  $\frac{1}{10}$     **B**  $\frac{3}{10}$     **C**  $\frac{2}{5}$     **D**  $\frac{3}{5}$

- 6
- 
- A**  $\frac{2}{3}$     **B**  $\frac{1}{3}$     **C**  $\frac{1}{6}$     **D**  $\frac{1}{2}$

- 9 At a basketball game, you have a choice between a hot dog or a hamburger and popcorn or cotton candy. **How many different combinations are possible?**
- A** 2  
**B** 4  
**C** 6  
**D** 8
- 

- 10 Jessica needs to pick out an outfit. She has 3 skirts: black, orange, and blue; 4 shirts: white, blue, red, and yellow; and 2 belts: brown and black. **How many different combinations of clothes are possible?**
- A** 6    **C** 12  
**B** 8    **D** 24
- 



## ANSWER KEY

The probability that an event **will occur** is a number between **0 and 1**.

- A true
- B false

(a)

Which number would represent an event that is **very likely** to occur?

- A  $\frac{2}{3}$
- B  $\frac{2}{5}$
- C  $\frac{1}{2}$
- D  $\frac{5}{6}$

(d)

A spinner is divided into four equal sections marked red, yellow, blue and green. What is the probability of landing on a **green** section?



(a)

In the word **lesson**, the probability of picking the letter **s** would be \_\_\_\_\_.

- A  $\frac{1}{6}$
- B  $\frac{2}{6}$
- C  $\frac{3}{6}$
- D  $\frac{2}{3}$

(b)

## PREVIEW

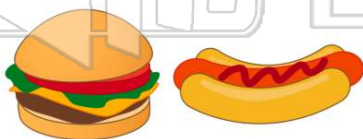
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- A  $\frac{1}{10}$
- B  $\frac{3}{10}$
- C  $\frac{2}{5}$
- D  $\frac{3}{5}$

- A  $\frac{2}{3}$
- B  $\frac{1}{3}$
- C  $\frac{1}{6}$
- D  $\frac{1}{2}$

At a basketball game, you have a choice between a hot dog or a hamburger and popcorn or cotton candy. How many **different combinations** are possible?

- A 2
- B 4
- C 6
- D 8



(b)

Jessica needs to pick out an outfit. She has 3 skirts: black, orange, and blue; 4 shirts: white, blue, red, and yellow; and 2 belts: brown and black. How many **different combinations** of clothes are possible?

- A 6
- B 8
- C 12
- D 24



(d)