



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

1 From the alphabet, one letter is picked, if a letter is picked **80** times, about how many times will it be a **vowel**?

- A 20
  - B 18
  - C 15
  - D 3
- A B C D E F...**

2 If the spinner shown is spun **38** times, about how many times will it **land** on a **solid** space?

- A 15
- B 13
- C 8
- D 6



3 If a **die** is rolled one time and Janice wants **even numbers**, what is the **sample space**?

- A  $\frac{1}{6}$
- C {0, 1, 2, 3, 4, 5, 6}

4 Erika is playing a game. She picks a number **1-5** and a color, either **green** or **yellow**. What is the **sample space**?

- A {1G, 2G, 3G, 4G, 5G}



## PREVIEW

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5 **A** Blue Jeans, Red Top, Sneakers  
**B** Blue Jeans, White Top, Sandals  
**C** Black Jeans, White Top, Sneakers  
**D** Blue Jeans, Red Top, Sandals

- A 5
- B 6
- C 9
- D 12

9 Using the **counting principle** means to **add** all choices together to get the total number of outcomes.

**True or false?**

- A true
- B false

10 Sam goes to a sub shop for a sandwich. He has four decisions to make: bread, meat, dressing, and cheese. His choices are **white** or **wheat** bread, **ham**, **turkey** or **bologna**, **mayonnaise** or **oil** and **American** cheese or **provolone** cheese. Using the **counting principle** how many different types of sandwiches that each have four items could Sam choose from?

- A 24
- B 12
- C 9
- D 7



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