



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

1 Holly works at a florist. She makes bouquets with **roses, carnations, or tulips**; she can add **baby's breath, greens, or a ribbon**; she can use a **vase or no vase**.  
Using the **counting principle**, how many different bouquets can she make?

- A 6    B 8    C 9    D 18

2 Everyone in Amber's class picked a number from **1 to 10**. Amber picked **2**. The teacher pulled a number from a hat and wrote it down. The class did the experiment **10** times and the numbers pulled were **8, 2, 2, 4, 1, 1, 6, 2, 1, 2**. What is the **experimental probability** of pulling a **2**?

- A 10%    B 20%    C 30%    D 40%

3 A teacher spun a spinner with 4 equal colors, **red, blue, yellow, and green**. Each student picked a color. Tony picked **blue**. The spinner was spun **5** times and the colors were: **G, Y, R, Y, Y**.

4 **Six** orange, **5** white and **2** black marbles are in a bag. Doug guesses a **black** will be picked. He picks a marble and records the color **20** times. The colors picked are: **W, W, W, O, W, O, O, O, O, O, W, W, O, B,**



## PREVIEW

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will ride a bus?

- A  $\frac{3}{6}$     B  $\frac{5}{6}$     C  $\frac{3}{9}$     D  $\frac{5}{9}$

that it will be a **used car**?

- A  $\frac{12}{21}$     B  $\frac{18}{21}$     C  $\frac{6}{24}$     D  $\frac{18}{24}$

9 A **die** is rolled and a **coin** is flipped. What is the **probability** of getting a **2 or a head**?

- A 8%  
B 50%  
C 58%  
D 67%



10 On Mark's vacation, he wants to go **golfing, hiking, or canoeing** during the day. Then he wants to have a snack of either **pizza or ice cream**. At night, he wants to **bowling, play miniature golf, or watch a movie**. What is the **probability** that he will **not** play miniature golf?

- A 83%    B 67%    C 33%    D 17%



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Each student picked a color. Tony picked **blue**. The spinner was spun **5** times and the colors were: **G, Y, R, Y, Y**.

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4

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B

5



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B

7

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