Name Key Date

Review: Single Event Probability

One of these names is to be drawn from a hat. Determine each probability below:

Mary Jenny Bob Marilyn Bill Jack Jerry Tina Connie Joe

1. P(3-letter name) = $\frac{2}{10}$ or $\frac{1}{5}$ *(What is the probability of drawing a 3-letter name?)*

2. P(4-letter name) = $\frac{4}{10} = \frac{2}{5}$

3. P(name starting with B) = $\frac{2}{10} = \frac{1}{5}$

4. P(name starting with T) = $\frac{1}{10}$

5. P(7-letter name) = $\frac{1}{10}$

6. P(name starting with S) = $\frac{0}{10} = 0$

7. P(name ending with Y) = $\frac{3}{10}$

You have a jar of M&Ms. There are 5 red, 2 green, 2 yellow, and 1 blue. One M&M is to be drawn from the jar. Determine each probability below.

8. P(red) = 5/10 or $\frac{1}{2}$ *(What is the probability of drawing a red M&M?)*

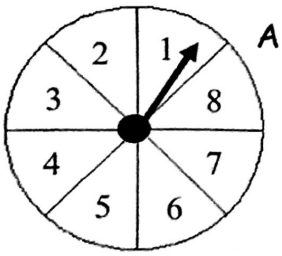
9. P(yellow) = $\frac{2}{10} = \frac{1}{5}$

10. P(**not** green) = $\frac{8}{10} = \frac{4}{5}$

11. P(orange) = $\frac{0}{10} = 0$

12. P(green or blue) = $\frac{3}{10}$

13. P(red or green) = $\frac{7}{10}$



A spinner, numbered 1-8, is spun once. Determine each probability below.

14. P(an EVEN number) $\frac{4}{8} = \frac{1}{2}$

15. P(a 2, 3, or 6) $\frac{3}{8}$

16. P(a PRIME number) $\frac{5}{8}$

17. P(9) $\frac{0}{8} = 0$