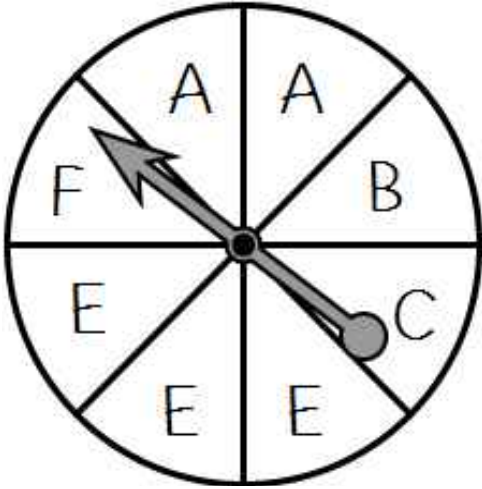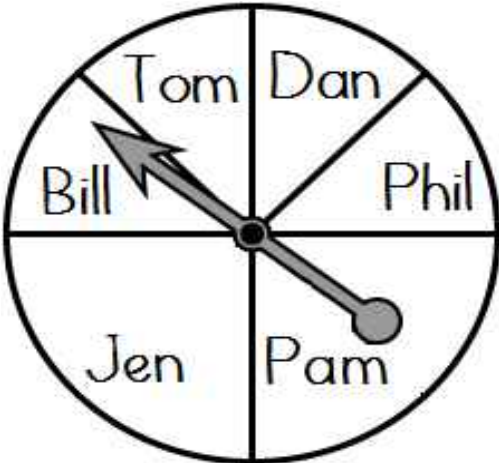# Probability

1. What is the probability of the spinner landing on C? _____

2. What is the probability of **not** spinning an C? _____

3. What is the probability of the spinner landing A or B? _____

4. What is the probability of the spinner landing on one of the first five letters of the alphabet? _____

5. Are you more likely to spin a vowel or a consonant? Explain.

_____

_____

6. What is the probability of the spinner landing on Phil? _____

7. What is the probability of the spinner landing on Pam? _____

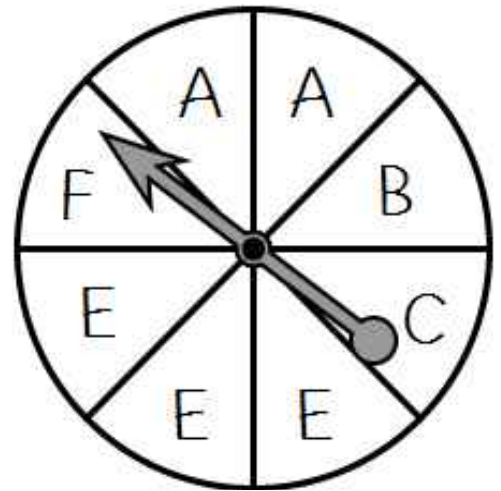8. What is the probability of the spinner landing on a name that ends with the letter m? _____

9. Jen says, "There are 4 boys' names and 2 girls' names on the spinner. It's more likely to land on a boy's name than a girl's name." Is Jen correct? Explain.

_____
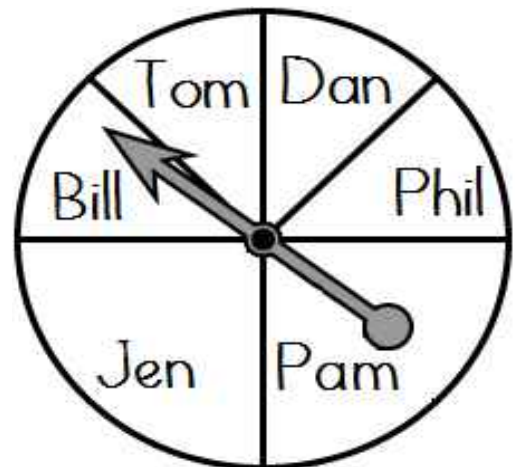
_____

ANSWER KEY

Probability

1. What is the probability of the spinner landing on C? **1 out of 8**

2. What is the probability of **not** spinning an C? **7 out of 8**

3. What is the probability of the spinner landing A or B? **3 out of 8**

4. What is the probability of the spinner landing on one of the first five letters of the alphabet? **7 out of 8**

5. Are you more likely to spin a vowel or a consonant? Explain.

   It is more likely to land on a vowel. It has a 5 out of 8 chance of landing on A or E. There is only a 3 out of 8 chance that it will land on B, C, or F.

6. What is the probability of the spinner landing on Phil? **1 out of 8**

7. What is the probability of the spinner landing on Pam? **1 out of 4**

8. What is the probability of the spinner landing on a name that ends with the letter m? **3 out of 8**

9. Jen says, "There are 4 boys' names and 2 girls' names on the spinner. It's more likely to land on a boy's name than a girl's name." Is Jen correct? Explain.

   No, Jen is not correct. There is an equal chance the spinner will land on a boy or girl. Jen and Pam each have spaces that take up 1/4 of the spinner. The boys have spaces that take up 1/8 of the spinner. So the boys have half of the spinner and the girls have half.