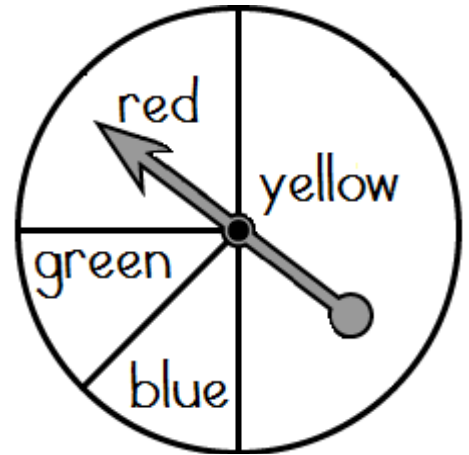


Name: \_\_\_\_\_

# Probability

1. What is the probability of the spinner landing on yellow? \_\_\_\_\_
2. What is the probability of the spinner landing on green? \_\_\_\_\_
3. What is the probability of the spinner landing on red? \_\_\_\_\_
4. What is the probability of **not** spinning blue? \_\_\_\_\_



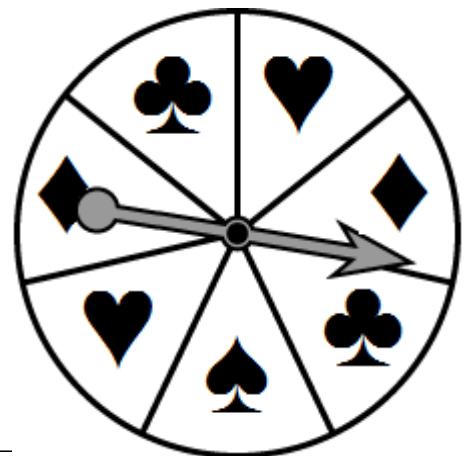
5. Ann says if you spin the spinner 80 times, it should land on red about 10 times. Do you agree with her? Explain.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

6. What is the probability of the spinner landing on a club? \_\_\_\_\_
7. What is the probability of the spinner **not** landing on a heart? \_\_\_\_\_
8. What is the probability of the spinner landing on a diamond or spade? \_\_\_\_\_



9. Do you have an equal chance of landing on any given symbol? Explain.

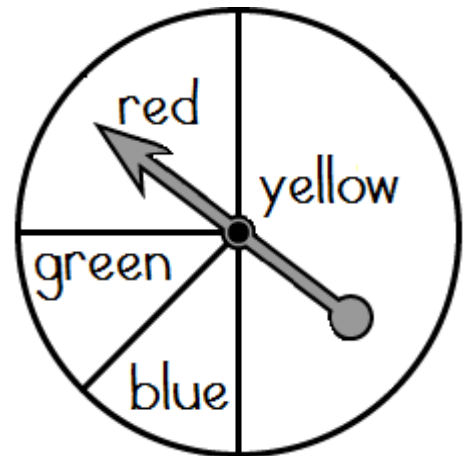
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## ANSWER KEY

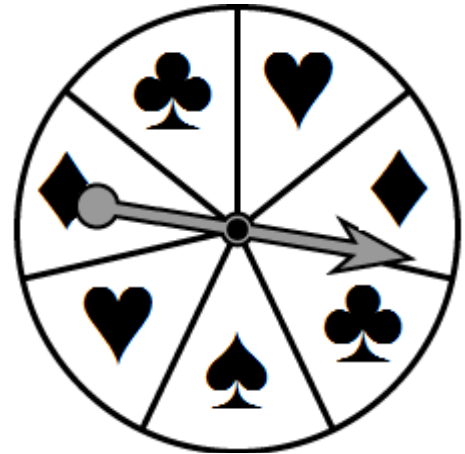
### Probability

1. What is the probability of the spinner landing on yellow? 1 out of 2
2. What is the probability of the spinner landing on green? 1 out of 8
3. What is the probability of the spinner landing on red? 1 out of 4
4. What is the probability of **not** spinning blue? 7 out of 8
5. Ann says if you spin the spinner 80 times, it should land on red about 10 times. Do you agree with her? Explain.



**No, Ann is wrong. There is a 1 out of 4 chance of landing on red. Therefore, out of 80 spins, it should land on red about 20 times.**

6. What is the probability of the spinner landing on a club? 2 out of 7
7. What is the probability of the spinner **not** landing on a heart? 5 out of 7
8. What is the probability of the spinner landing on a diamond or spade? 3 out of 7
9. Do you have an equal chance of landing on any given symbol? Explain.



**No because there are two hearts, two clubs, two diamonds, and only one spade. The spinner is least likely to land on a spade.**