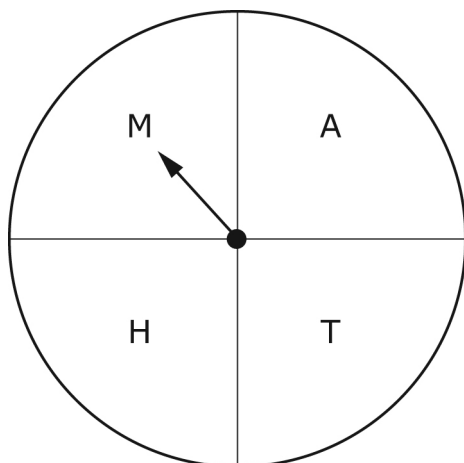


## Section 1.3 Extra Practice

1. You spin the spinner once.



- a)** What is the probability of landing on M?
- b)** What are the odds against landing on M?
- c)** The spinner does not land on M. If you spin again, will it land on M? Explain.
2. You roll two dice.
- a)** What is the probability of rolling a total of 9 or more?
- b)** What is the probability of rolling a sum that is an odd number?
- c)** What are the odds of rolling a sum that is an odd number?
- d)** What are the odds against rolling a sum of 3 or less?
3. You draw a card from a deck of 52 cards.
- a)** What is the probability of drawing a 10?
- b)** You draw a 6 and do not replace the card. What is the probability of drawing a 10 on your next try?
- c)** In total, how many cards can you draw and not replace before the rounded percent of drawing a 10 changes?
4. Draw a spinner for a game in which the odds of landing on each outcome are 1 to 2.
5. Order the contest results from greatest to least chance of success.
- a)** 1 winning outcome out of 6 tries
- b)** 2 winning outcomes out of 14 tries
- c)** 3 winning outcomes out of 15 tries
- d)** 4 winning outcomes out of 25 tries
6. A restaurant has a scratch-and-win contest. You play four cards and win once.
- a)** What percent of tries did you win?
- b)** You find out that the odds of winning are 1 in 4. What is the probability of winning?
- c)** Did you do better or worse than the odds of winning?



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

Date: \_\_\_\_\_

**BLM 1-6**  
(continued)

- 7.** You choose one of the letters in S-T-A-T-I-S-T-I-C-S.
- a)** What is the probability of choosing the letter S? Express your answer as a fraction.
  - b)** What is the probability of choosing the letter T? Express your answer as a percent.
  - c)** What is the probability of choosing the letter S twice, if you put the letter back after the first pick? Express your answer as a fraction.
  - d)** What is the probability of choosing the letter T twice, if you put the letter back after the first pick? Express your answer as a percent.

