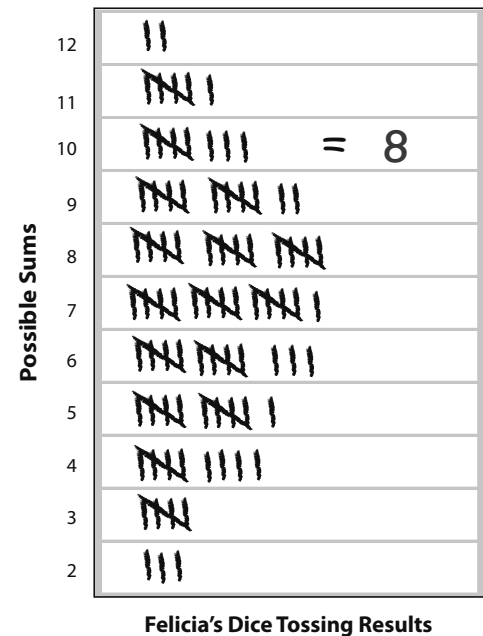
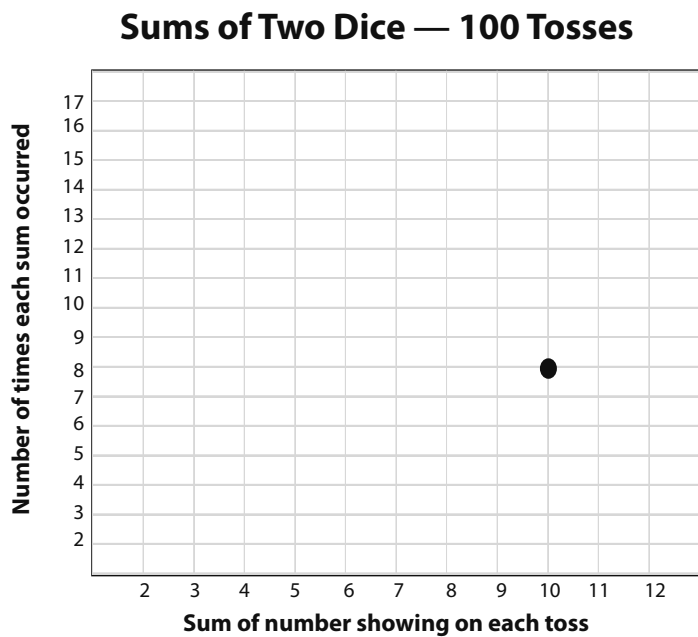


Lesson #24

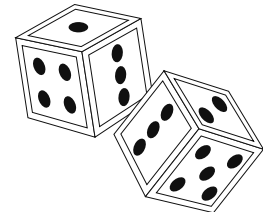
Felicia's Experiment

Felicia tossed two dice 100 times. After each toss, she added the two numbers and made a tally mark for each sum. Use Felicia's data to complete the following items.

- Total the tally marks for each sum in Felicia's chart. Then plot each total on the graph. One has been done for you.



- Neither the table nor the graph shows the numbers 0 and 1. Why?
 - There is not enough room on the graph to show every number.
 - The probability of getting a sum of zero or one is zero.
 - Felicia may not have added correctly every time she tossed the dice.
 - Neither the number 1 nor the number 0 ever appears on any dice.



- What percentage of Felicia's tosses resulted in a sum of seven?

3% 10% 16% 25% 50%

4. Four students need to be assigned to Spirit Week activities at Green High School. Use deductive reasoning and the facts listed below to determine which student should be assigned to each activity. Put a ✓ in the box that matches. Put an X in all others.
- The freshman class adviser is in charge of the Faculty Baby Photo contest, so only freshman can work on that.
 - Only juniors or seniors work on the pep rally, and they must meet during study hall.
 - Yolanda is the only freshman, and Lewis is the only sophomore.
 - Phil has no study halls this semester.
 - Lewis cannot work on the bake sale because he works in the office during lunch.

| | Photo Contest | Pep Rally | Bake Sale | Hall Decorating |
|---------|---------------|-----------|-----------|-----------------|
| Lewis | | | | |
| Linda | | | | |
| Yolanda | | | | |
| Phil | | | | |

5. Choose the word pair that best completes the analogy. pit : peach :: _____
 inner core : Earth crust : pie worm : apple bark : tree
6. What is one of the best ways to avoid procrastination?
- A) Think about what to do, but do not take any action.
 - B) Make a list of things to do, and then bury the list.
 - C) Do the hardest or most important thing first.
 - D) Do not set deadlines for any tasks.
7. How is a bibliography arranged?
- A) alphabetically by author’s name
 - B) most important sources first
 - C) alphabetically by title
 - D) all of these
8. Why is cramming considered a poor study strategy?
- A) It takes too much time.
 - B) It requires a computer or other technology.
 - C) It does not lead to long-term retention.
 - D) No one enjoys cramming for a test.