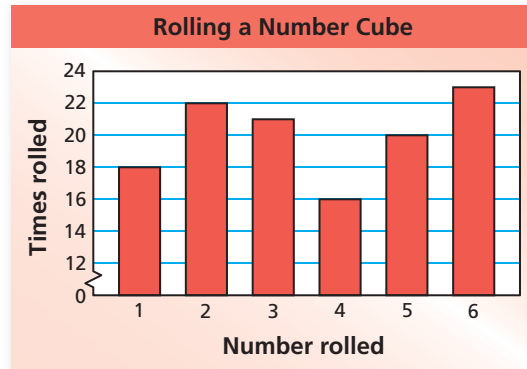Check It Out
Progress Check
BigIdeasMath ✓com

Use the bar graph to find the experimental probability of the event. *(Section 9.3)*

1. Rolling a 4

2. Rolling a multiple of 3

3. Rolling a 2 or a 3

4. Rolling a number less than 7

Rolling a Number Cube

You randomly choose a playing piece and flip a coin. Find the probability of the events. *(Section 9.4)*

5. Choosing red and flipping tails

6. Choosing black and flipping heads

7. *Not* choosing red and *not* flipping heads

You randomly choose one of the letter blocks. Without replacing the first block, you choose a second block. Find the probability of choosing the first block, then the second block. *(Section 9.4)*

8. E and M   9. M and *not* E   10. Red and blue

11. **PENS** There are 30 pens in a box. You choose the five pens shown. How many of the 30 pens would you expect to have red ink? *(Section 9.3)*

12. **SWEATERS** A drawer contains three tan sweaters and two black sweaters. You randomly choose two sweaters. What is the probability that both sweaters are black? *(Section 9.4)*

13. **SPINNER** You spin the spinner 40 times. It lands on red 32 times. Compare the experimental probability of the spinner landing on red with the theoretical probability of the spinner landing on red. *(Section 9.3)*
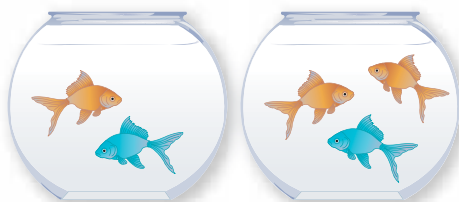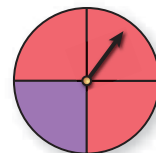
14. **FISH** You randomly choose one fish from each bowl for your aquarium. What is the probability of choosing two gold fish? *(Section 9.4)*