

## 2-6

## Skills Practice

LOOK ==&gt; ALL WORK ON LOOSELEAF!

**Probability: Simple Probability and Odds**

One chip is randomly selected from a jar containing 8 yellow chips, 10 blue chips, 7 green chips, and 5 red chips. Find each probability.

1.  $P(\text{blue})$

2.  $P(\text{green})$

3.  $P(\text{yellow or green})$

4.  $P(\text{blue or yellow})$

5.  $P(\text{not red})$

6.  $P(\text{not blue})$

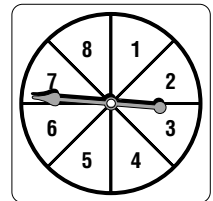
Find the probability of each outcome if the spinner is spun once.

7.  $P(\text{multiple of 3})$

8.  $P(\text{less than 7})$

9.  $P(\text{odd or 2})$

10.  $P(\text{not 1})$



A person is born in the month of June. Find each probability.

11.  $P(\text{date is a multiple of 6})$

12.  $P(\text{date is before June 15})$

13.  $P(\text{before June 7 or after June 24})$

14.  $P(\text{not after June 5})$

Find the odds of each outcome if a computer randomly picks a letter in the name *The Petrified Forest*.

15. the letter  $f$

16. the letter  $e$

17. the letter  $t$

18. a vowel

**CLASS SCHEDULES** For Exercises 19–22, use the following information.

A student can select an elective class from the following: 3 in music, 5 in physical education, 2 in journalism, 8 in computer programming, 4 in art, and 6 in drama. Find each of the odds if a student forgets to choose an elective and the school assigns one at random.

19. The class is computer programming.

20. The class is drama.

21. The class is not physical education.

22. The class is not art.