

**1-1****Practice: Skills**
*A Plan for Problem Solving***Warm-up****Use the four-step plan to solve each problem.**

- 1. GEOGRAPHY** The president is going on a campaign trip to California, first flying about 2,840 miles from Washington D.C. to San Francisco and then another 390 to Los Angeles before returning the 2,650 miles back to the capital. How many miles will the president have flown?
- 2. POPULATION** In 1990, the total population of Sacramento, CA was 369,365. In 2000, its population was 407,018. How much did the population increase?
- 3. MONEY** The Palmer family wants to purchase a DVD player in four equal installments of \$64. What is the cost of the DVD player?
- 4. COMMERCIALS** The highest average cost of a 30-second commercial in October, 2002 is \$455,700. How much is this commercial worth per second?
- 5. A tennis tournament starts with 16 people. The number in each round is shown in the table. How many players will be in the 4th round?**

1st Round	16
2nd Round	8
3rd Round	4
4th Round	?

Complete the pattern.

- 6.** 2, 4, 8, 16, 32, ____
- 7.** 16, 19, 22, 25, 28, 31, ____
- 8.** 81, 72, 63, 54, ____
- 9.** 5, 15, 20, 30, 35, 45, 50, ____
- 10.** 50, 40, 45, 35, 40, 30, 35, ____, ____, ____, ____
- 11.** 6, 12, 18, ____, ____, ____, ____

1-1

Practice: Word Problems

A Plan for Problem Solving

Use the four-step plan to solve each problem.

GEOGRAPHY For Exercises 1 and 2, use the poster information about Crater Lake National Park in Oregon.

Visit Crater Lake National Park

90 miles of trails
26 miles of shoreline
Boat tours available
Open 24 hours

Directions from Klamath Falls: Take U.S. Highway 97 north 21 miles, then go west on S.R. 62 for 29 miles.

<p>1. How many more miles of trails are there than miles of shoreline in Crater Lake National Park?</p>	<p>2. How many miles is it from Klamath Falls to Crater Lake National Park?</p>
<p>3. SPORTS Jasmine swims 12 laps every afternoon, Monday through Friday. How many laps does she swim in one week?</p>	<p>4. SPORTS Samantha can run one mile in 8 minutes. At this rate, how long will it take for her to run 5 miles?</p>
<p>5. SPORTS On a certain day, 525 people signed up to play softball. If 15 players are assigned to each team, how many teams can be formed?</p>	<p>6. PATTERNS Complete the pattern: 5, 7, 10, 14, __, __, __</p>
<p>7. SHOPPING Josita received \$50 as a gift. She plans to buy two cassette tapes that cost \$9 each and a headphone set that costs \$25. How much money will she have left?</p>	<p>8. BUS SCHEDULE A bus stops at the corner of Elm Street and Oak Street every half hour between 9 A.M. and 3 P.M. and every 15 minutes between 3 P.M. and 6 P.M. How many times will a bus stop at the corner between 9 A.M. and 6 P.M.?</p>