

**1-1****Practice: Skills*****A Plan for Problem Solving***

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, \_\_\_\_, \_\_\_\_, \_\_\_\_, \_\_\_\_