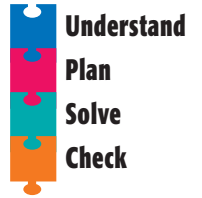


Problem Solving Strategy

Look for a Pattern

NCTM Standards 1, 2, 6, 7, 8, 9, 10



Solve each problem.

- 1 Shivani's parents use a pattern to decide the weekly allowance that she will be paid during a year. The table shows the weekly allowance she has been paid at each age since she was 5 years old. How much allowance will Shivani receive each week when she is 10 years old? _____

Age	5	6	7	8	9	10
Allowance	\$1	\$3	\$6	\$10	\$15	

- 2 Cindy adds to her garden each year. The first year, her garden had 2 rows of 3 plants and looked like the garden on the right.

Each year, she adds another row. How many plants will she have the fourth year?

_____ plants



- 3 Timothy and his friends went on a week-long biking trip. They biked 15 miles on the first day. On each of the remaining 6 days, they biked 20 miles. The table shows the total number of miles the friends biked by the end of each day. How many miles long was their trip? Complete the table. _____ miles

Day	1	2	3	4	5	6	7
Total number of miles biked	15	35		75			