

Algebra

Complete each table. Then write a rule for the table.

1

Input	Output
4	13
6	15
11	20
14	

Rule: _____

2

Input	Output
7	21
9	27
12	
15	45

Rule: _____

3

Input	Output
24	6
32	
44	11
48	12

Rule: _____

4

Input	Output
5	11
8	17
10	21
16	

Rule: _____

Problem Solving

Write a strategy you could use to solve each problem.
Explain your choice.

5 Find the sum of the first 50 counting numbers.

6 What is the greatest number of 2-inch by 3-inch stamps that could fit on a 4-inch by 6-inch index card?

7 What is the greatest possible product you can get if you use the digits 3, 5, 7, and 8 to make two 2-digit factors?
