

Look For A Pattern (cont.)

WEEK 2 - DAY 3

In each case, find the rule that will give the second number if you know the first. Then fill in the rest of the table according to the rule.

a.

8	3
15	10
30	25
50	?
25	?
?	100

b.

5	20
6	24
10	40
8	?
?	100
?	60

c.

1	1
2	4
3	9
4	?
10	?
?	81

d.

2	7
3	10
5	16
8	?
22	?
?	22

WEEK 2 - DAY 4

Have your next party at

SKAGGS SKATING

Prices - First 10 people \$15.00
 - Each additional person \$ 1.25

Complete the table. Look for patterns.

People	10	11	12	13	14	15	16	17	18	22	26	30
Total Cost	\$15	?	?	?	?	?	?	?	?	?	?	?

WEEK 2 --DAY 5

Ten people are at a party. Each person shakes hands with each of the others. What is the total number of handshakes?

Start with easier cases. Complete the table. Look for patterns.

People	2	3	4	5	6	7	8	9	10
Handshakes	1	3							