

EXTRA TASK SHEET

CHAPTER 8 - RELATIONSHIPS AND PATTERNS



1 NUMBER SQUARES

This shows part of a number square.

		33	34	35					40
21	22	23	24	25	26	27	28	29	30
11	12	13	14	15	16	17	18	19	20
1	2	3	4	5	6	7	8	9	10

The four numbers in this 2 x 2 square add to 26.
Call this square **1** because it has 1 in the corner.

11	12
1	2

a What do the numbers in this square add to?
Call this square **2** because it has 2 in the corner.

12	13
2	3

b What does square 3 add to?

c What about square 4, square 5 and so on?

d Fill in this table.

Square	1	2	3	4	5
Sum	26				

What would square 8 add to?
How did you work this out?

e What would square 10 add to?

f What if you added the six numbers in 2 x 3 rectangles?

g What if you added the nine numbers in 3 x 3 squares?

h Explore other rectangles and squares.

