

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

- Can you find a pattern for the numbers that go down each column?
- Can you find a pattern for the numbers along the leading diagonal? (Top left to bottom right.)
- Can you find a pattern for the numbers along the other diagonal? (Bottom left to top right.)
- Can you find a pattern when you add the numbers in the first row, then adding the numbers in the second row, then adding those in the third row? Use calculators and compare answers with other groups.
- Can you find how much larger the number in the bottom-right hand space is than the number in the top left hand space? Compare answers.
- Can you find how much larger the number in the bottom left hand space is than the number in the top right hand space? Compare answers.
- Adding the number in the top left hand corner and the bottom right hand corner and then finding half. What do you notice? Repeat this by adding the two numbers in the corners.
- Find the total by adding all 9 numbers in a row (not the multiples of 10) on the grid. Divide this total by the number in the middle.
- What is the total of all the numbers on the square?
- What patterns can you find on your own? What comes after 100?