


Handout**Enrichment****1 – 6**
Section 8**Magic Squares**

In a magic square, the sum of the numbers in each row, column and diagonal is the same number.

Complete the following magic squares.

a)

9		18	1	36		→ 111
32		23	7		31	→ 111
	20		27	11	13	→ 111
6	19	34	35	12		→ 111
29	4			16	30	→ 111
21	28	2			10	→ 111
↓	↓	↓	↓	↓	↓	↓
111	111	111	111	111	111	111



b)

38		14	44	32		1	→ 175
48	29	17	5		23		→ 175
	39	27	8		33	21	→ 175
12	49	30		6	36	24	→ 175
15		40	28	9	46		→ 175
25	13		31	19		37	→ 175
35	16	4		22	10	47	→ 175
↓	↓	↓	↓	↓	↓	↓	↓
175	175	175	175	175	175	175	175

