

- 1) The first grid shown below is a decimal magic square. Each row, column and diagonal add up to the same number.



19.8	25.2	19.8
21.6	21.6	21.6
23.4	18.0	23.4

6.6		

- a) Divide each of the numbers in the magic square by 3 and record the answer in the corresponding space in the empty grid.
- b) What do you notice about the totals of the rows, columns and diagonals in the second square? Why do you think this is?

1) a)

6.6	8.4	6.6
7.2	7.2	7.2
7.8	6.0	7.8



- b) *The total for each row, column and diagonal is 21.6. This is three times smaller than the total for each row, column and diagonal in the magic square that is given.*

Each row, column and diagonal adds up to 64.8 in the given magic square.