

Mystery Square Answer Sheet

4	5	11	N
N+1	10	8	1
6	3	N-1	12
9	N+2	2	7

1. Choose a number between 25-100
2. Using the “N” formula below, calculate “N”
3. For each empty space on the Mystery Square, the answer sheet has an additional calculation (N, N+1, N-1, N+2). Make this additional calculation and fill in each empty space.
4. Add four numbers in any direction and it will equal the number you originally chose in step #1.

N Formula: N = chosen number (the number chosen between 25-100) minus 20

Example:

1. Randomly chosen number: 77
2. Calculate N: $77 - 20 = 57$, $N = 57$
3. Additional calculations: a) Row 1, square 4: $N = 57$, b) Row 2, square 1: $57 + 1 = 58$, c) Row 3, square 3: $57 - 1 = 56$, d) Row 4, square 2: $57 + 2 = 59$. Fill in each empty space with these totals.
4. Add a row in any direction and it will equal 77 (i.e. Row 1/across: $4 + 5 + 11 + 57 = 77$)