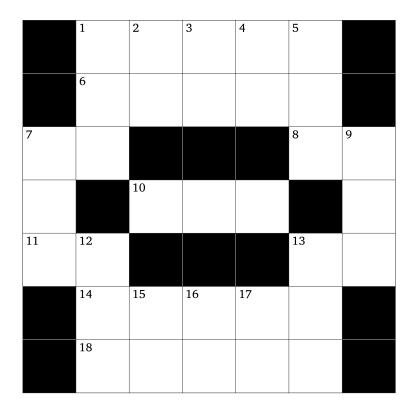# CrossFigure - Intermediate Puzzle #19

This puzzle is like a crossword, but with numbers. Each digit occupies a square and can be a part of a "word" in the across and down directions.

Rules:

1. "Words" may not start with a zero.
2. "Words" read from left to right and top to bottom.
3. There is one unique solution which satisfies all the clues given below.
4. Some "words" may not have clues. They will be determined by the "words" which intersect them.

Across

1 Mean of 14 across and 7 down
6 One thousand sixty-six more than 1 across
7 Twice a prime number
8 Sum of digits in 12 down
10 Twenty-five less than 7 down
11 Mean of 15 down and 3 down
13 Twice the result of 9 down minus 10 across
14 Forty-four times a prime number
18 Twice the result of 6 across plus 17 down

Down

1 Fourteen times a square
2 A prime number
3 Ten times a square
4 Seven times a square
5 Nine times 11 across
7 Sixteen times a prime number
9 Twenty-six times a prime number
12 Five times a prime number
13 Twice the result of 1 down minus 7 across
15 Three times a square
16 13 across plus 11 across
17 Mean of 7 across and 13 across

Solution:

■	2	7	9	6	6	■
■	2	9	0	3	2	■
9	4	■	■	■	1	9
7	■	9	5	1	■	6
6	9	■	■	■	2	2
■	5	4	9	5	6	■
■	5	8	1	8	0	■