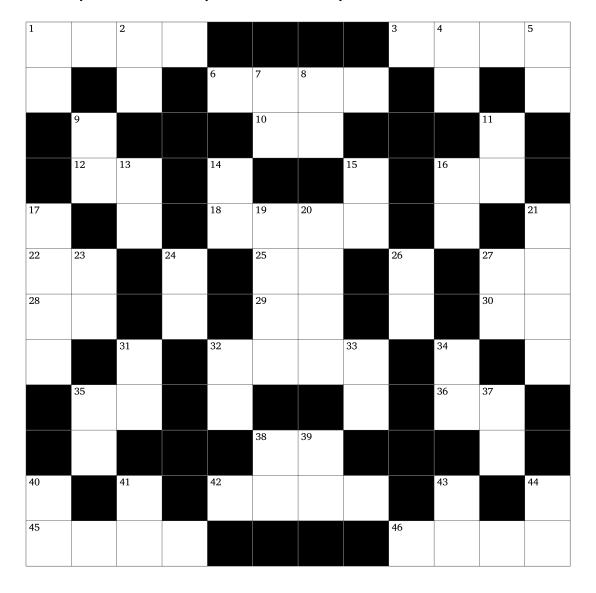# CrossFigure - Hard Puzzle #48

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 Ten times a prime number
3 32 across plus half of 35 down
6 35 down plus 20 down
10 41 down minus 36 across
12 Mean of 35 down and 30 across
16 Mean of 15 down and 39 down
18 Four times a prime number
22 Mean of 27 down and 27 across
25 Mean of 16 down and 27 across
27 Mean of 8 down and 27 down
28 Mean of 34 down and 12 across
29 Mean of 35 across and 27 down
30 40 down plus 31 down
32 Twenty-three times a prime number
35 A square
36 Mean of 27 down and 28 across
38 27 down minus 5 down
42 38 down times 40 down
45 Twice the result of 6 across plus 14 down
46 43 down times 4 down

Down

1 15 down plus 36 across
2 Seven times 5 down
4 Same as 37 down
5 22 across minus 1 down
7 Half of 32 down, then subtract 26 down
8 23 down plus 40 down
9 44 down divided by five
11 Mean of 41 down and 25 across
13 12 across minus 10 across
14 38 down minus 5 down
15 A square
16 30 across minus 31 down
17 37 down times 29 across
19 Twice the result of 18 across minus 30 across
20 6 across minus 35 across
21 38 across plus half of 1 across
23 Mean of 5 down and 43 down
24 44 down minus 15 down
26 12 across minus 16 across
27 35 down plus 1 down
31 Mean of 8 down and 13 down
32 15 down plus 39 down
33 30 across minus 31 down
34 33 down minus 35 across
35 A square
37 46 across divided by 43 down
38 5 down plus 32 down
39 14 down minus 35 down
40 37 down minus 16 across
41 11 down plus 9 down
43 13 down plus 4 down
44 Mean of 24 down and 2 down

Solution:

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