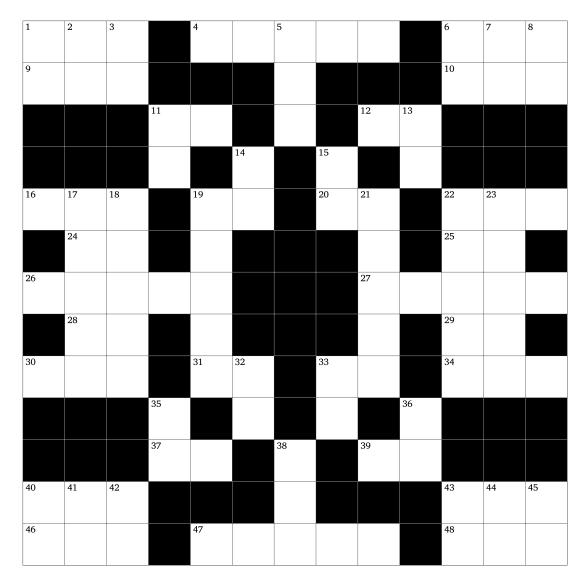# CrossFigure - Challenging Puzzle #26

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 29 across plus 37 across
4 16 across times 38 down
6 23 down divided by 8 down
9 12 across plus 30 across
10 18 down divided by 6 down
11 43 down minus half of 2 down
12 14 down plus 11 across
16 A prime number
19 A square
20 Mean of 31 across and 3 down
22 46 across minus 15 down
24 31 across plus 13 down
25 Same as 11 across
26 Twice the result of 17 down minus 22 down
27 47 across minus 3 down
28 45 down minus 15 down
29 14 down minus 2 down
30 A palindrome
31 A square
33 34 across minus 40 down
34 Mean of 1 across and 48 across
37 Mean of 40 down and 34 across
39 37 across minus 11 down
40 Five times a square
43 33 down plus 46 across
46 43 across minus 33 across
47 27 across plus half of 12 across
48 Four times 33 down

Down

1 41 down minus half of 42 down
2 Four-fifths of 25 across
3 46 across minus 22 across
5 4 across divided by 16 across
6 45 down minus 3 down
7 23 down divided by 6 across
8 35 down minus 25 across
11 33 across minus 11 across
13 Mean of 32 down and 14 down
14 12 across minus 25 across
15 39 across minus 6 down
17 Four thousand four hundred sixty-six less than 27 across
18 10 across times 28 across
19 Mean of 21 down and 22 across
21 Eighteen thousand one hundred sixty-six more than 4 across
22 A prime number
23 Two thousand three hundred fifteen more than 47 across
32 11 across plus 7 down
33 Twice the result of 6 down minus 19 across
35 25 across plus 7 down
36 Half of 46 across, then subtract 1 across
38 Mean of 43 across and 15 down
40 48 across minus 3 down
41 33 down plus 1 down
42 35 down minus 29 across
43 31 across minus 11 across
44 Twice the result of 48 across minus 35 down
45 37 across minus 11 down

Solution:

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