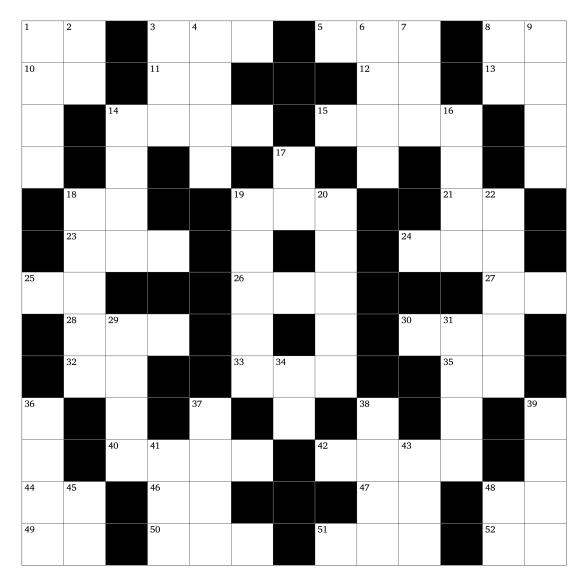# CrossFigure - Challenging Puzzle #17

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 18 across plus 34 down
3 Sixty-seven times 45 down
5 Mean of 28 across and 19 across
8 48 down plus 25 across
10 48 down plus 1 across
11 Mean of 44 across and 8 down
12 45 down plus 48 down
13 49 across minus 46 across
14 27 across times 49 across
15 1 down minus 14 down
18 44 across minus 45 down
19 33 across plus 21 across
21 45 down plus 1 across
23 Mean of 3 across and 8 across
24 30 across minus 34 down
25 39 down divided by twenty-five
26 Four times a prime number
27 A square
28 33 across minus 48 down
30 A palindrome
32 30 across divided by six
33 36 down divided by 13 across
35 Half of 26 across, then subtract 50 across
40 Consecutive digits unordered
42 25 across times 21 across
44 Mean of 18 across and 47 across
46 2 down minus 25 across
47 43 down minus 1 across
48 40 across divided by 24 across
49 17 down minus 11 across
50 33 across plus 28 across
51 Mean of 5 across and 10 across
52 Mean of 18 across and 35 across

Down

1 Thirteen times a prime number
2 1 across reversed
3 26 across minus 8 across
4 28 across times 11 across
6 38 down plus half of 19 across
7 Twice the result of 31 down minus 41 down
8 45 down plus 25 across
9 Seven times a prime number
14 14 across plus 48 across
16 32 across times 17 down
17 45 down plus 1 across
18 Four times a prime number
19 A cube
20 39 down times 52 across
22 A prime number
29 Ninety-five times 8 down
31 Fifty-nine times 35 across
34 1 across minus 48 down
36 Five times a square
37 9 down minus 34 down
38 Five times a prime number
39 Seventy-five times 44 across
41 Twenty-three times 47 across
43 44 across plus 21 across
45 49 across divided by five
48 Same as 18 across

Solution:

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