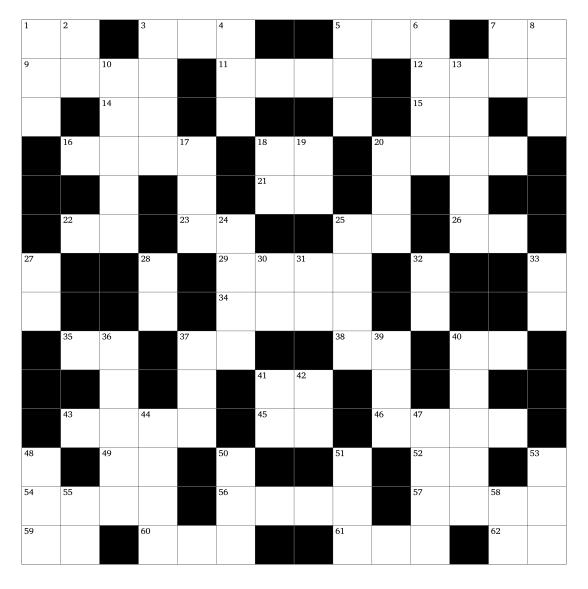# CrossFigure - Hard Puzzle #18

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 9 across divided by 31 down
3 8 down minus 58 down
5 Mean of 61 across and 1 down
7 20 down divided by 27 down
9 7 down times 33 down
11 Seventy times 30 down
12 46 across minus 3 across
14 Twice 26 across
15 Mean of 27 down and 42 down
16 36 down divided by 14 across
18 38 across plus 49 across
20 Forty times a prime number
21 Twice the result of 60 across minus 31 down
22 38 across plus 41 across
23 Mean of 49 across and 7 across
25 18 across minus 37 across
26 Half of 58 down, then subtract 1 across
29 36 down divided by seventeen
34 Ten times a prime number
35 Mean of 38 across and 62 across
37 Mean of 38 across and 45 across
38 18 down minus 19 down
40 55 down minus 19 down
41 60 across minus 26 across
43 Four times a prime number
45 22 across minus 42 down
46 Three hundred sixty-five less than 43 across
49 40 across plus 26 across
52 Twice the result of 40 down minus 57 across
54 32 down times 17 down
56 3 down minus 53 down
57 40 down minus 59 across
59 Mean of 32 down and 35 across
60 15 across plus 52 across
61 17 down plus 41 across
62 1 down minus 45 across

Down

1 49 across plus 41 down
2 33 down minus 40 across
3 Eleven times a prime number
4 37 down plus 42 down
5 47 down divided by 32 down
6 Half of 34 across, then subtract 14 across
7 52 across minus 14 across
8 37 down plus 37 across
10 Four times a prime number
13 A palindrome
17 Twice the result of 39 down plus 38 across
18 36 down divided by 16 across
19 40 down minus 57 across
20 24 down minus 6 down
24 A prime number
25 Half of 43 across, then subtract 24 down
27 Mean of 32 down and 35 across
28 49 across plus 59 across
30 23 across plus 15 across
31 40 across plus 2 down
32 45 across minus 21 across
33 9 across divided by 1 across
37 28 down plus 50 down
39 A square
40 57 across plus 27 down
41 20 across divided by 55 down
42 A square
44 47 down plus 48 down
47 Last two digits are the same as 22 across
48 11 across divided by 40 across
50 35 across plus half of 4 down
51 54 across divided by 18 across
53 Seventy-nine times 40 across
55 40 across plus 59 across
58 42 down plus 32 down

Solution:

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