CrossFigure - Hard Puzzle #28

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 5 down and 6 across
3 Mean of 2 down and 28 across
6 25 across plus 17 down
8 13 across plus 16 down
9 1 across minus 16 down
10 4 down minus 28 across
11 Seven times a prime number
12 Mean of 29 across and 27 across
13 1 across reversed
19 25 across minus 24 across
21 All digits are the same
22 Mean of 11 across and 15 down
24 1 down divided by 14 down
25 9 across plus 13 across
27 Same as 10 across
28 4 down minus 27 across
29 Twice a prime number
30 4 down plus 28 across

Down

1 Twice the result of 23 down plus 10 across
2 1 down plus 11 across
4 18 down divided by 17 down
5 12 across divided by 17 down
6 A prime number
7 24 across plus 30 across
14 19 across minus 28 across
15 A square
16 Twice the result of 25 across minus 26 down
17 15 down minus 14 down
18 Mean of 11 across and 19 across
20 Half of 21 across, then subtract 19 across
21 A prime number
23 Eight times a prime number
25 14 down plus 13 across
26 Mean of 14 down and 16 down

Solution:

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