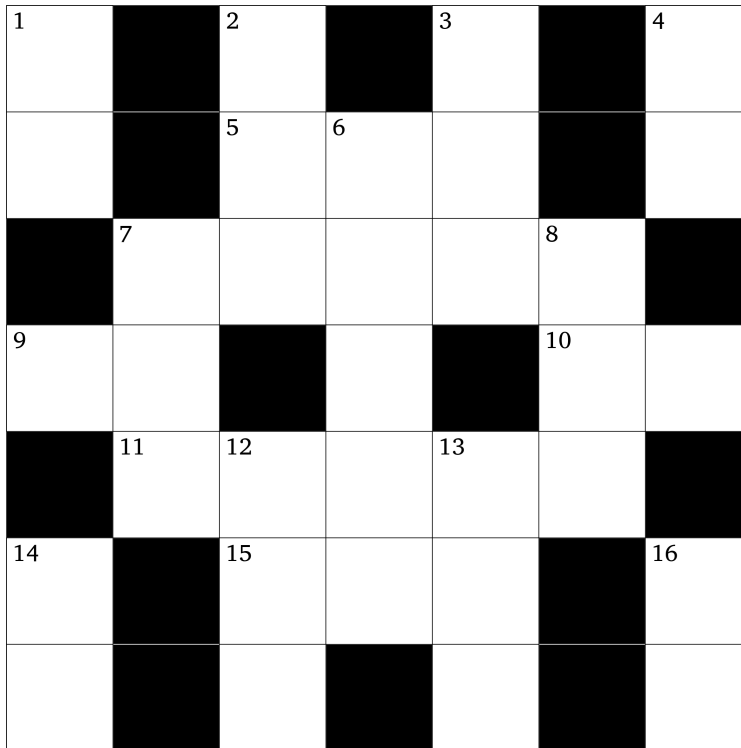# CrossFigure - Challenging Puzzle #37

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
5 3 down minus 14 down
7 Forty-six times a prime number
9 7 across minus half of 11 across
10 A prime number
11 Five times a square
15 14 down plus half of 16 down

Down
1 8 down divided by twenty-one
2 All digits are the same
3 Mean of 8 down and 4 down
4 Twice 10 across
6 Eight times a prime number
7 12 down minus 2 down
12 Five times a prime number
13 Mean of 5 across and 1 down
14 Mean of 16 down and 9 across
16 13 down minus 15 across

Solution:

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