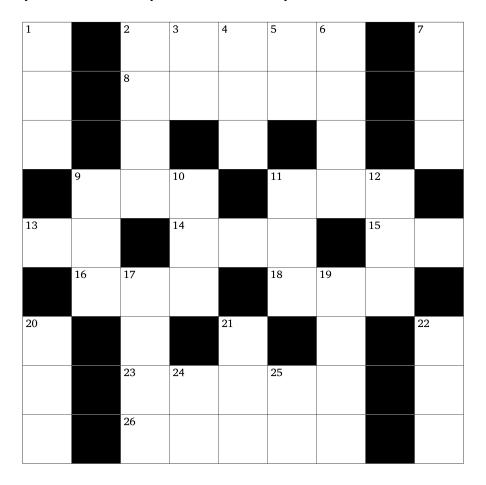# CrossFigure - Challenging Puzzle #46

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

2 Eleven times a prime number
8 Fifteen times a prime number
9 12 down minus half of 15 across
11 Half of 20 down, then subtract 22 down
13 Sum of digits in 1 down
14 9 down plus half of 18 across
15 Three-fourths of 11 down
16 Three times 9 down
18 Fourteen times a prime number
23 Nineteen thousand three hundred eight more than 2 across
26 Eighty-eight times a prime number

Down

1 Five times 22 down
2 One hundred sixty-four more than 17 down
3 Four times 25 down
4 16 across plus half of 3 down
5 2 down divided by 21 down
6 Second, and third digits are the same
7 Seventeen times a prime number
9 9 across minus 13 across
10 Mean of 18 across and 20 down
11 12 down minus 24 down
12 Six times a prime number
17 23 across minus 26 across
19 Half of 6 down, then subtract 7 down
20 Twenty-eight times a prime number
21 Thirteen times a prime number
22 Three times a prime number
24 Ten times a prime number
25 All digits are the same

Solution:

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