Cross Figure - Beginner Puzzle #5

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 22 down reversed
2 Same as 20 across
5 1 across plus 22 down
7 21 across times 13 down
9 7 across divided by 13 down
10 A prime number
12 First two digits are the same as first two digits of 27 across
14 Six times 1 down
15 28 across minus 25 down
16 Seventy-four times a prime number
20 Twice a prime number
21 Same as 9 across
23 Fifty-six times a prime number
26 9 across minus 11 down
27 1 down plus 6 down
28 20 across minus half of 15 across

Down

1 24 down minus 3 down
2 Twenty times 5 across
3 A cube
4 Twice the result of 17 down minus 10 across
6 20 across minus 3 down
7 19 down plus 6 down
8 Fifty-five times 26 across
11 21 across minus 26 across
13 A prime number
16 A cube
17 Three times a prime number
18 First two digits are the same as 5 across
19 8 down plus half of 2 across
22 A square
24 Four-fifths of 15 across
25 12 across minus 18 down

Solution:

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