## CrossFigure－Hard Puzzle \＃24

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

146 down minus 50 down
31 across plus 29 across
523 across minus 40 across
849 down minus 55 across
9 Six times a prime number
12 Twice the result of 37 down plus 5 across
14 Nineteen times a prime number
15 Twice a prime number
1731 across minus 44 across
2052 across divided by thirty-four
2148 down plus half of 38 across
23 Twice a prime number
2555 across minus 30 across
27 Three times a prime number
2928 down minus 50 down
3056 across plus 20 across
313 across minus 1 across
3217 across plus 8 across
33 Its digits total 20 across
36 Twice the result of 45 across minus 24 down
38 Twice a prime number
4039 down minus 49 across
4336 across minus 25 across
4447 down minus half of 32 across
45 A prime number
49 Forty-two times a prime number
51 Twice a prime number
522 down plus half of 53 across
5336 across minus 20 across
5429 down minus half of 30 across
55 Five times a prime number
56 Half of 16 down, then subtract 23 across

## Down

2 Three times a prime number
3 Mean of 27 across and 4 down
4 A prime number
6 A prime number
7 Half of 15 across, then subtract 6 down
8 Seven times 32 across
10 A prime number
11 Mean of 30 across and 56 across
13 Twenty-six times a prime number
14 Six times a prime number
16 Four times a prime number
18 A palindrome
195 across minus 53 across
2210 down plus half of 38 down
24 A prime number
26 Twice a prime number
2831 across plus 50 down
2952 across minus 56 across
3219 down times 25 across
34 Two-thirds of 14 down
35 Mean of 18 down and 29 down
37 Twice a prime number
38 Twenty-two times a prime number
39 Six thousand seventy-seven less than 15 across
41 Three thousand nine hundred seventy-four more than 45 across
42 Twice a prime number
46 Mean of 35 down and 11 down
475 across minus 8 across
4831 across minus 56 across
49 Twice a prime number
50 Five times a prime number

## Solution:



