

# CrossFigure - Intermediate Puzzle #25

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:**

- "Words" may not start with a zero.
- "Words" read from left to right and top to bottom.
- There is one unique solution which satisfies all the clues given below.
- Some "words" may not have clues. They will be determined by the "words" which intersect them.

1	2					3	4
5			6			7	
	8	9			10		
11							12
	13				14	15	
16			17			18	19
20						21	

**Across**

- 1 16 down plus 3 across
- 3 1 down minus 21 across
- 5 18 across minus 20 across
- 6 20 across plus 4 down
- 7 19 down divided by four
- 8 19 down minus 11 down
- 10 Mean of 20 across and 1 across
- 13 A square
- 14 1 across plus 12 down
- 16 20 across minus 16 down
- 17 4 down plus 7 across
- 18 10 down divided by 10 across
- 20 Mean of 21 across and 13 across
- 21 17 across minus 19 down

**Down**

- 1 19 down minus 20 across
- 2 Four times a prime number
- 3 Half of 2 down, then subtract 1 down
- 4 Mean of 3 across and 6 across
- 9 Twelve times a prime number
- 10 Eighty-two times a square
- 11 Mean of 20 across and 16 across
- 12 Half of 14 across, then subtract 11 down
- 13 9 down divided by 16 down
- 15 3 down plus 4 down
- 16 Three-fifths of 7 across
- 19 Mean of 4 down and 17 across

**Solution:**

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