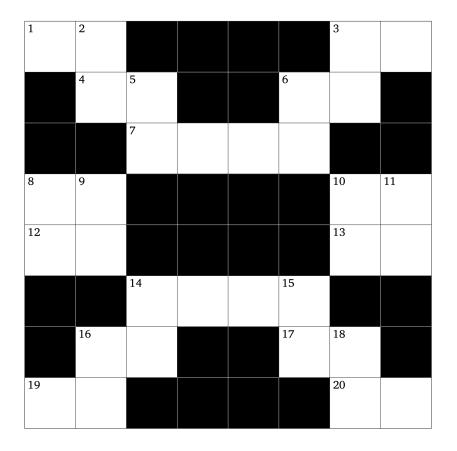
## Difficulty: ★★☆☆☆

# CrossFigure - Challenging Puzzle #9

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 8 down minus 16 across
- **3** 15 down plus 20 across
- **4** A square
- **6** 17 across reversed
- **7** Eighty-four times a prime number
- **8** 12 across plus 13 across
- **10** Mean of 3 down and 8 across
- **12** 19 across minus 20 across
- **13** Mean of 8 across and 18 down
- **14** Its digits total 20 across **16** A square
- **10** A square
- 17 6 down plus 8 across
- **19** Twice the result of 18 down minus 14 down
- $\mathbf{20} \,\, 10 \,\, \text{down minus 8 across}$

#### Down

- **2** 6 down plus 20 across
- **3** 11 down plus 1 across
- **5** Mean of  $\hat{6}$  down and 3 across
- **6** A square
- **8** 6 down plus 1 across
- 9 Mean of 2 down and 17 across
- **10** 19 across plus 13 across
- **11** 7 across divided by 15 down
- **14** A square
- **15** 12 across plus 5 down
- **16** 10 down minus 13 across
- 18 14 across divided by forty-seven

Solution:

1	5					٩	6
	3	6			3	٩	
		6	6	3	6		
5	7					F	8
1	3					4	4
		1	4	5	F		
	3	6			٩	3	
3	0					1	7