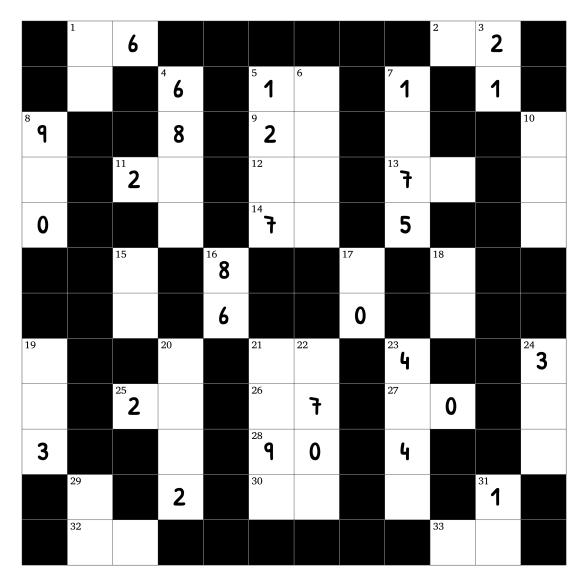
## Difficulty: $\mathcal{M} \mathcal{M} \mathcal{M} \mathcal{M} \mathcal{M}$

# Cross Figure - Beginner Puzzle #28

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** A square
- **2** Mean of 18 down and 1 down
- **5** 16 down minus 13 across
- **9** 1 down minus 17 down
- 11 A cube
- **12** 13 across plus 33 across
- 13 28 across minus 31 down
- 14 16 down minus 33 across
- $\mathbf{21}$  Mean of 26 across and 9 across
- **25** A cube
- 26 Mean of 12 across and 21 across
- ${\bf 27}$  6 down divided by 14 across
- 28 Same as 12 across
- **30** A square
- 32 20 down minus 21 down
- 33 A square

#### Down

- ${\bf 1}\,$  1 across minus half of 17 down
- **3** 5 across reversed
- **4** Thirty times a prime number
- **5** A prime number
- **6** Twenty-one times a square
- 7 Its digits total 2 across
- **8** 10 down minus 29 down
- **10** A prime number
- 15 A cube
- 16 Twice the result of 31 down plus 15 down
- 17 8 down divided by 28 across
- 18 19 down minus 8 down
- $19 \ \text{23 down minus half of 4 down}$
- **20** Four times a prime number
- **21** 22 down minus 18 down
- **22** 24 down times 18 down
- **23** Four times a prime number
- **24** First two digits are the same as 30 across
- **29** 12 across minus 18 down
- **31** A square

### Solution:

	3	6							2	2	
	1		6		1	2		1		1	
٩			8		2	1		٩			٩
0		2	7		٩	0		7	4		7
0			0		7	0		5			7
		2		8			1		1		
		7		6			0		3		
٩			4		4	4		4			3
1		2	7		6	7		3	0		6
3			7		٩	0		4			2
	F		2		3	6		8		1	
	7	٩							1	6	