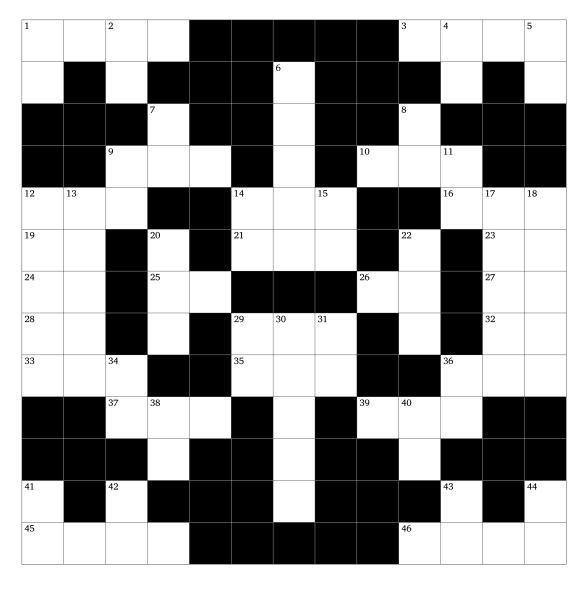


# **CrossFigure - Hard Puzzle #29**

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 Eight times a prime number
- **3** Forty-five times a prime number
- 9 6 down divided by 26 across
- 10 Twice the result of 45 across minus 3 across
- 12 25 across plus 11 down
- **14** Three times 29 across
- 16 Mean of 33 across and 28 across
- **19** 23 across minus 32 across
- 21 Mean of 9 across and 25 across
- 23 Mean of 41 down and 40 down
- 24 37 across minus 15 down
- 25 Mean of 43 down and 34 down
- 26 Mean of 24 across and 29 down
- 27 Twice the result of 42 down minus 44 down
- 28 8 down minus 25 across
- 29 38 down plus 7 down
- 32 Twice the result of 8 down minus 38 down
- 33 9 across minus 14 down
- **35** Twice a prime number
- **36** 43 down plus half of 1 down
- 37 12 across plus 2 down
- **39** Thirteen times a prime number
- **45** Thirteen times a prime number
- **46** Four times a prime number

#### **Down**

- 1 23 across minus 41 down
- **2** 46 across minus 1 across
- 4 36 across minus 11 down
- **5** 14 across minus 39 across
- **6** First two digits are the same as first two digits of 16 across
- 7 12 down minus 30 down
- 8 2 down plus 32 across
- **9** Mean of 31 down and 5 down
- **11** 42 down plus 29 down
- 12 Thirty-three times a prime number
- **13** A prime number
- **14** Twice the result of 12 across minus 29 across
- 15 Mean of 38 down and 43 down
- **17** Ninety times a prime number
- **18** Eight thousand sixty-nine less than 17 down
- 20 25 across times 4 down
- 22 10 across minus 23 across
- 29 41 down minus 25 across
- **30** First two digits are the same as first two digits of 29 across
- **31** 22 down minus 35 across
- **34** 28 across minus 14 down
- **36** 22 down divided by thirty-two
- **38** Mean of 8 down and 2 down
- 40 23 across plus 1 down
- 41 Twice 14 down
- 42 Mean of 25 across and 11 down
- 43 1 down plus 11 down
- 44 2 down plus 4 down

## **Solution:**

1	5	2	8						8	1	4	5
2		8				3				8		8
			5			8			9			
		7	6	5		2		6	8	8		
1	3	6			3	5	7			3	8	8
1	0		9		4	0	9		6		8	0
8	5		5	3				5	0		4	4
4	5		4		1	1	9		8		7	0
7	3	1			5	1	4			1	0	1
		1	6	4		7		2	9	9		
			3			9			2			
6		6				1				٩		4
8	4	8	9						1	5	5	6