

Across Clues

1	2		3	4			5	6
7		8				9		
	10		11		12			
13		14						15
16							17	
		18				19		
	20				21		22	
23				24		25		26
27			28				29	

- 1 Triangle number, also a square number.
- 3 Non palindromic square number.
- 5 Triangle number.
- 7 Twice a square number subtracted from 1000.
- 9 Mean of 9 Across, 21 Across and 28 Across.
- 10 A palindromic number and also a square number.
- 12 The square of 19 Down divided by 143.
- 14 The product of 1 Across and 2 Down.
- 16 Number formed by reversing the digits of 16 Across and adding the result to the sum of the digits of 14 Across.
- 17 12 Down divided by 199.
- 18 Ten more than the square of 15 Down.
- 20 A square number.
- 21 Difference between the roots of $x^2 - 49x - 4950 = 0$.
- 23 Multiple of 9.
- 25 Difference between the squares of 16 Across and 1 Down.
- 27 Twice a prime number.
- 28 Palindromic triangle number.
- 29 A multiple of six.



Down Clues

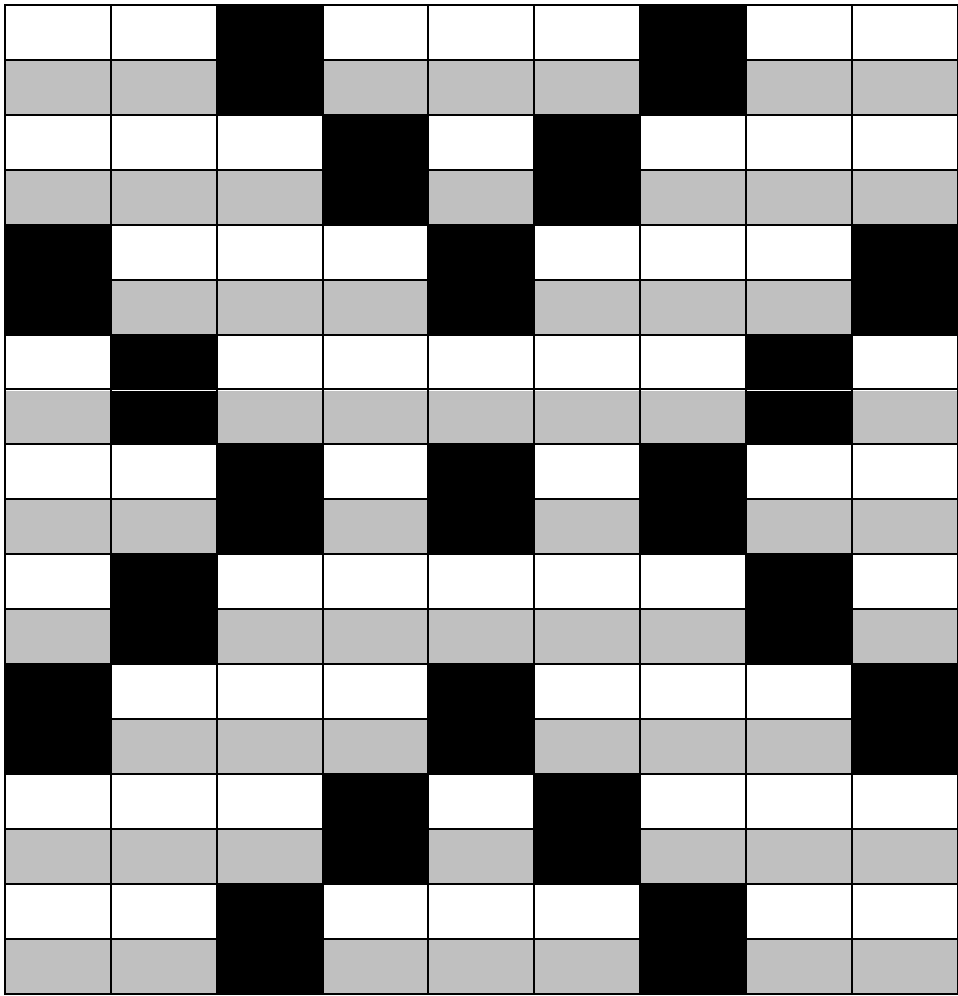
1	2		3	4			5	6
7		8				9		
	10		11		12			
13		14						15
16							17	
		18				19		
	20				21		22	
23				24		25		26
27			28				29	

- 1 Multiple of four.
- 2 Triangle number.
- 4 Solution for x in $3x - 4y = 17$ and $3y - 2x = 5$.
- 5 Prime number, also a possible interior angle of a triangle in degrees.
- 6 Even number and a multiple of 13.
- 8 Palindromic number and a multiple of 17.
- 9 Twice 5 Down.
- 11 A multiple of 16 Across.
- 12 Fibonacci number.
- 13 Product of the initial digits of 8 Down, 14 Across, 24 Down and 22 Down.
- 15 12 Down is the product of 15 Down and 17 Across.
- 18 Twice 15 Down.
- 19 Thirty more than a prime number.
- 20 Fibonacci number, also a square number.
- 22 Fibonacci number.
- 23 $2^n - 1$, where n is an integer.
- 24 Solution for y in $3x - 4y = 17$ and $3y - 2x = 5$.
- 26 Mean of 24 Down, 4 Down, 1 Across and 26 Down.



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Total (7)
Total (7)
Total (6)
Total (7)
Total (6)
Total (7)
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Total Score: _____ /60

Team Name: _____.

Team Number: _____.



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