Cross Number Puzzle
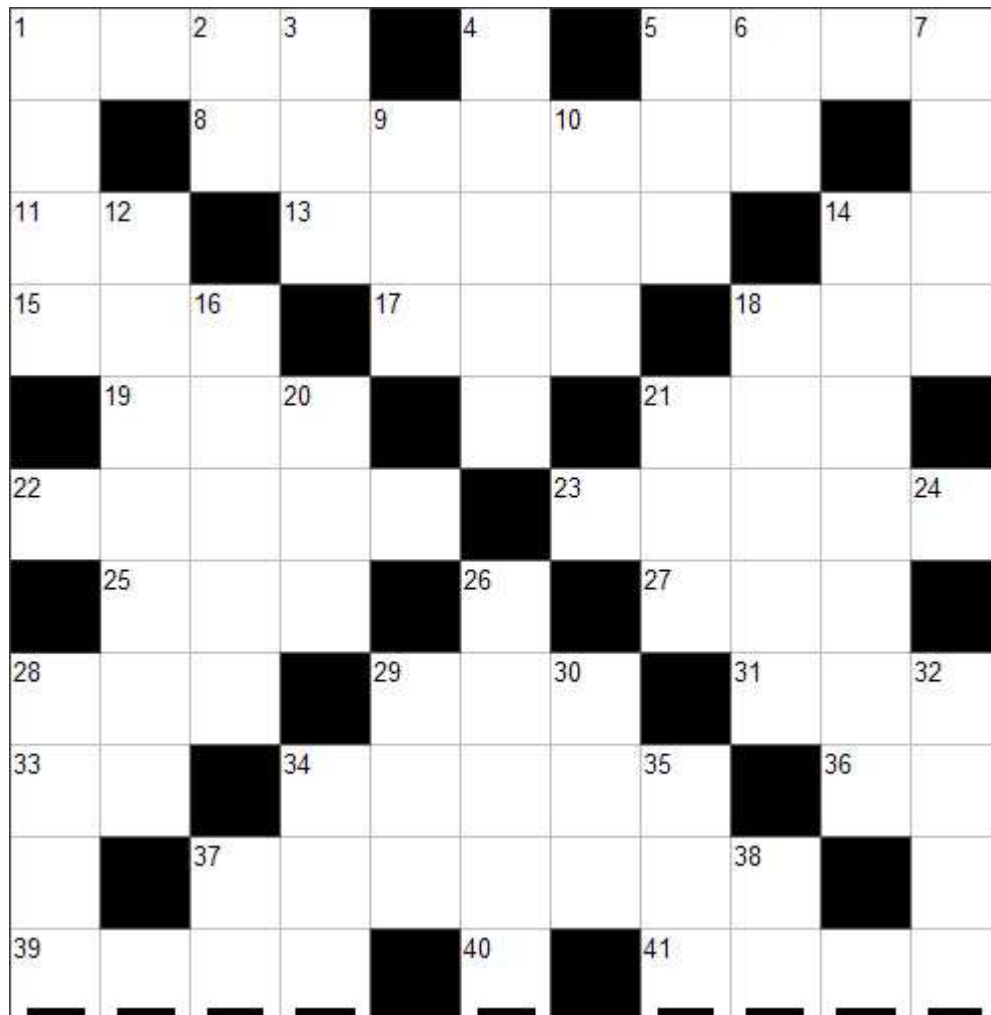
Remember, once you have the "answer" to this puzzle, go to
http://www.peterjmags.com/puzzles/[insert answer here].htm to get the question!

Then post your answer to the question on the forums. Good luck!

Clues on next page…

Clues

Across

1. a square number
4. a square number
5. a square number
8. the digits of this number add to 35
11. square root of 39 across
13. a square number
14. a square number
15. square of 36 across
17. square of half 11 across
18. three same digits
19. product of 4 across and 33 across
21. a square number
22. five times 5 across

23. all digits same, except central digit
25. square of 2 down
27. see 20 down
28. a fourth power
29. sum of 18 across and 31 across
31. a triangular number
33. one more than 4 times 36 across
34. the digits add to 18, and the three middle numbers are 3
36. an odd number
37. all digits are even except one, sum of digits is 29
39. a fourth power
40. a cube number
41. two times a square number

Down

1. reads the same both ways (palindrome)
2. square root of 28 across
3. sum of 17 across and 21 across
4. digits add to 19
5. digits add to 26
6. sum of 14 across and 33 across
7. a cube number
9. a cube number
10. a square number
12. digits sum to 30
14. all digits are the same
16. sum of digits is 2 down
18. all digits the same, except the for the first digit, which is 1
20. sum of 17 across and 27 across
21. a multiple of 19
22. a square number
24. a square number
26. square of 18 across
28. a fourth power of 4 across
29. two times 15 across
30. a triangular number

32. digits add to 20, last digit is 8
34. six times 21 across

35. a cube number
37. a square number
38. a cube number