

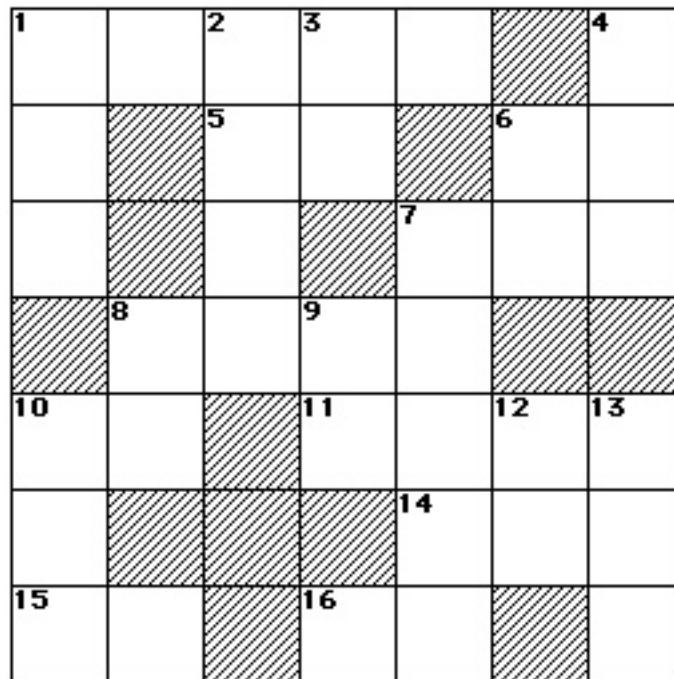
Here is the link to the webpage: <http://jig.joelpomerantz.com/fun/dogsmead.html>

This version is slightly different from what was presented at Math Mingle on 9/28, and we're not sure if it's equivalent, so here's the version we solved:

The original problem is from The Strand Problems Book, written by W. T. Williams and G. H. Savage. Some puzzle books contain this famous problem The Dog's Mead, but apparently it's been slightly modified from the original version. And here is the original one.

This puzzle is about Little Pigley, an old farm in England that is owned by the Dunks. In its corner, there is a rectangular area called Dog's Mead.

You will need the following information to solve this puzzle. The problem was made in 1935. 1 acre is 4840 square yards. 1 acre is 4 roods, and 1 mile is 1760 yards. If you finish the puzzle, there will be a pair of numbers that are equal, one written horizontally and the other written vertically. Also, there is a number that is equal to the number of roods in Dog's Mead.



ACROSS

- 1. Area of Dog's Mead in square yards
- 5. Age of Farmer Dunk's daughter, Martha
- 6. Difference in yards between length & width of Dog's Mead
- 7. Number of roods in Dog's Mead times nine down
- 8. Year that Little Pigley came into occupation by the Dunks
- 10. Farmer Dunk's age
- 11. Birth year of Mary
- 14. Perimeter of Dog's Mead in yards
- 15. Cube of Farmer Dunk's walking speed in miles per hour
- 16. Fifteen across minus nine down

DOWN

1. Value of Dog's Mead in shillings per acre (1 pound sterling = 20 shillings)
2. Square of Farmer Dunk's mother-in-law's age
3. The age of Mary, Farmer Dunk's youngest child
4. Value of Dog's Mead in pound sterling
6. Age of Farmer Dunk's son, Ed, who will be twice as old as Mary next year
7. Width of Dog's Mead in yards squared
8. Length in minutes Farmer Dunk needs to walk one and one-third times around Dog's Mead
9. See ten down
10. Ten across times nine down
12. One more than the sum of the digits in puzzle column two
13. Length of tenure in years of Little Pigley by the Dunk family