

PUZZLE

GENERAL INFORMATION :

The puzzle concerns a farm that has been in the Dunk family for some years. A part of the farm is a rectangular piece of ground known as Dog's Mead. The year is 1939.

Additional information :

Assume no number begins with 0

20 shillings = one pound

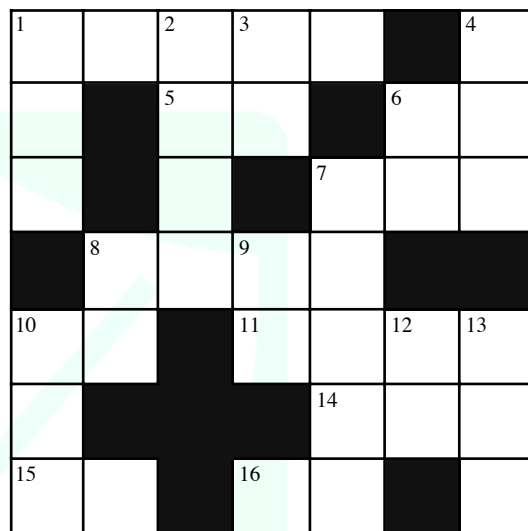
1 acre = $22 \times 220 \text{ yards}^2 = 4840 \text{ yards}^2$

4 roods = 1 acre

1 rood = 1210 yards^2

40 perches = 1 rood

1 perches = $30 \cdot 25 \text{ yards}^2$



ACROSS :

- 1 Area is square yards of Dog's Mead.
- 5 Age of Martha, Father Dunk's Aunt.
- 6 Difference in yards between length & breadth of Dog's Mead.
- 7 Number of roods in Dog's Mead times 8 down.
- 8 The year the Dunk's acquired Dog's Mead.
- 10 Father Dunk's age.
- 11 Year of Mary's birth.
- 14 Perimeter of yards of Dog's Mead.
- 15 Cube of Father Dunk's walking speed in mph.
- 16 15 across minus 9 down.

DOWN :

- 1 Value in shillings per rood of Dog's Mead.
- 2 Square of the age of Father Dunk's mother-in-law.
- 3 Age of Mary, father Dunk's daughter.
- 4 Value in pounds of Dog's Mead.
- 6 Age of Ted, Father Dunk's son, who is twice the age of his sister Mary in 1945.
- 7 Square of the breadth of Dog's Mead in yards.
- 8 Time in minutes it takes Father Dunk to walk $1 - 1\frac{1}{3}$ times around Dog's Mead.
- 9 The number which, multiplied by 10 across, gives 10 down.
- 10 See 9 down.
- 12 Addition of the digits of 10 down + 1.
- 13 Number of years Dog's Mead has been in the Dunk family.