

# PUZZLES

## WHO WANTS TO ARGUE?

ONE of the difficulties encountered by the Assistant-PP some weeks back was the problem of discovering who was arguing with who. Everyone who writes in to The Page carries on several different arguments at once with as many different people as may seem necessary. No filing system in the world could cope with that without a staff of half-a-dozen index experts. The PP finds it best to scatter all the letters round about him and rely on his sense of direction. However, that's beside the point. The point is, that two or three pairs of puzzlers are now corresponding direct, especially on such specialised subjects as the differential calculus, which has not proved its general appeal on The Page, and the PP has an idea that others might like to do the same. In short, if anyone discovers on The Page anyone with whom he or she would like to correspond, the PP will be glad to arrange matters. Nothing barred except matrimony. . . . The fee: continued interest in The Page and a puzzle now and again.

### PROBLEMS

#### Rhyme for Time

Four children in four several years were born,  
And each upon a different weekly morn;  
Yet so it happens, which is all the wonder,

Their birthdays now are just three weeks asunder.

The same day of the week suits all the four,

And will do so till time shall be no more.

(Problem from "Mother of Two," Frankton, who found it in a paper that found it in the "Sunday Times" that had it from a correspondent who found it in a magazine published in 1740).

#### Take the Count

In how many different ways can the word "level" be traced out in this letter square, proceeding vertically, horizontally, or diagonally from square to square? No letter is to be used twice in any one word.

L E L  
E V E  
L E L

Similarly, how many times can "Ada" be traced in this square?:

A A A  
A D A  
A A A

—(Exercise from R.G., Waihi).

#### Men go Shopping

A party of seven men goes shopping. Six men spend 10/- each. The seventh spends 3/- more than the average spent by the party. How much did he spend?

—(Problem from R.C.J.M.).



## "Why ever did my Partner appoint me Executor?"

"Watching investments, collecting income, making payments to the family, keeping records, preparing income-tax returns, handling real estate—all these duties I now have to attend to, but I cannot give them the attention they require. Running the business is enough to absorb all the time and energy I have!"

If an individual acts as an executor only once in his lifetime he may find the burden an excessive one. The Public Trust Office performs the duties as a business.

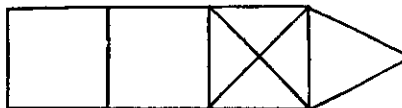
*The* Consult the Public Trustee or one of his responsible officers. He will prepare your Will, free of charge, if appointed executor.

**PUBLIC TRUSTEE**

11/12

#### Keep it Down

Draw this diagram without lifting pencil from paper, folding the paper, or tracing the same line twice:



### ANSWERS

(Refer to issue of September 13)

**Birthday Celebrations:** 3, 5, 7, 9, 11, 13. (Problem and answer from E.A.C., Wellington).

**Family Affair:** 10, 14, 18, 22, 26, 30. (Problem and answer from E.A.C., Wellington).

**Fruit Square:** Seven. (Problem and answer from R.C.J.M.).

**Battle and After:** 472 (Problem and answer from R.C.J.M.).

**Pat and the Pig:** (1) Yes. (2) 66 2/3 yards. (3) 133 1/3 yards. (Problem and answer from R.C.J.M.).

**Move the Money:** In each sequence the pieces to be moved next are bracketed: Original position:

H(HH)HTTTT  
H..H(TT)TTHH  
HTTH..T(TH)H  
(HT)THTHT..H  
..THTHTHTH

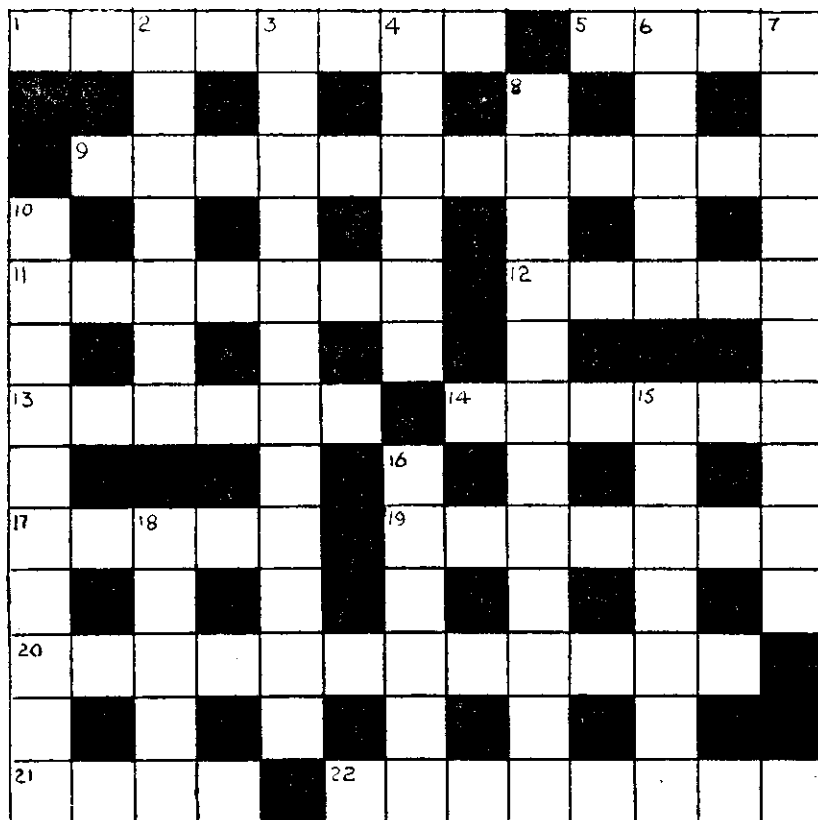
### CORRESPONDENCE

**R. Martin (Glen Afton):** Writes to say that he now finds everyone was wrong about the length of the train. He asks us to cancel his first answer (1,540 feet) and substitute his considered opinion that the train was 328 36/73 feet long. The train problem will be discussed at more length in a reply to another correspondent. Meanwhile, R.M. can be told that we have forwarded his letter to P.J.Q. with the official blessing. These two puzzlers have decided to have at each other by mail direct, after the manner of S.G.E. and H.G.L., who have also exchanged much weighty comment this week. R.M. sent correct answers to four of the September 13 puzzles.

**H.G.L. (Taupo):** Is mainly pre-occupied by S.G.E. and his importunities, but finds time to ask us, in common with several other correspondents, to print the working of W. Robinson's answer of 440 feet for "Time for the Guard." There is still such a great deal of disagreement about this problem we are persuaded to do so: "The guard heard the bell 1 2/5 seconds after striking. He must have then been 1,540 feet from the bridge. He heard the final stroke

(Continued on next page)

## The Listener Crossword (No. 26)



#### Clues Across

1. A small nail broken in a spiral of wire provides a drink.
5. The flat circular beginning of No. 9 across.
9. Ned and I need a scimitar to distinguish.
11. Open woollen material.
12. A hundred in ruin.
13. Instrumentality.
14. Art and sin may combine but the result is a severe trial.
17. A perfect de'il?
19. Granite (anag.)
20. Liar, Tony, liar!—This is unreasonably mixed.

21. A dry measure?

22. Dad was upset by the scene, but came up nevertheless.

#### Clues Down

2. Lace mit for certain weather conditions.
3. Hectic litany (anag.)
4. A winter phenomenon found in 3 down.
6. A Christian name? Not very often.
7. Permits to leave Government employment for ace lancers.
8. Inside target (anag.)
10. I bail Taffy out of good nature.
15. Served.
16. Pistol (anag.)
18. If you behead fright you make a mistake.