

PUZZLES

THE PP GOES ON HOLIDAY

THE Puzzle Puddler has given up the ghost—but it's only for two weeks. He has gone off to puddle around with the chamois, or somewhere. In the meantime his substitute will endeavour to carry on. In these days of war, "doing one's bit" is all very well, but assistant-puzzle-puddling for two weeks is a bit thick—especially if you've never been used to it. Anyway, after staring in vain at a huge pile of correspondence for an hour or so with no results except a headache, the only thing left is to start at the beginning and work through to the end.

As far as the Assistant-PP (pro tem) can make out, everyone on this page is having an argument with the PP and with everyone else at the same time, so just to avoid "horning-in" on anyone else's private squabble the Assistant-PP (pro tem) has decided to set a puzzle himself. He fully expects that no one will answer it

because it's too simple. Maybe it will only catch the Village Idiot. Here it is:

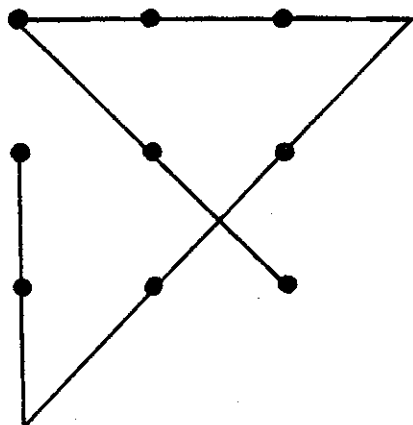
Here are four numbers. There is a fifth in the same line of progression. What is it?

1 64 729 4096

ANSWERS

(Refer to issue of August 2)

Stars: On this page is a diagram which shows how to do it—or doesn't it?



A Challenge from Christchurch: F.D.B., who sent this problem, included his answer but as it covers 71 separate moves, we cannot reproduce it in the space at our disposal. We can only recommend puzzlers to keep at it. If they care to send solutions, we shall try and check them.

Trans: Five, says R.G., who set the problem.

Digits: Add together the figures given to you; then the missing figure is that required to make the sum up to a multiple of nine. (Problem and answer from H.G.L.).

PROBLEMS

Oranges

Five men bought some oranges at the market and decided to sell them. One took 100, one 80, one 60, one 40 and the last 20. They all sold the oranges at the same rate, and they all came back with the same amount of money. How did this come about?—(Problem from J.C.L.).

We regret to announce that not only the Puzzle-Puddler is missing this week, but also the solution to Crossword No. 19. We hope to find both before long.

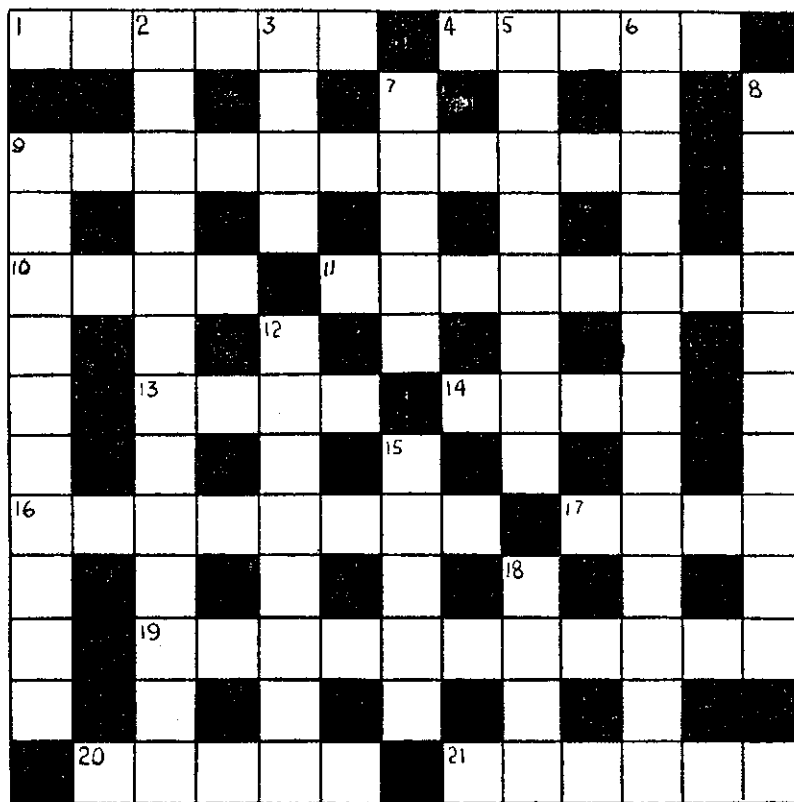
Expanding Words

Ten words "expand" from a single-letter word to one of ten letters, by adding a letter at a time and making the necessary re-arrangements. Can you discover what the ten words are from the following numerical scheme in which the ten letters which appear in the words are represented by digits?

0
1 0
1 0 2
2 0 1 3
2 3 4 0 1
4 0 2 3 5 1
5 0 6 2 4 3 1
5 6 1 7 0 4 3 2
8 6 1 2 7 0 4 3 5
8 6 5 4 0 1 9 7 3 2

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The Listener Crossword (No. 20)



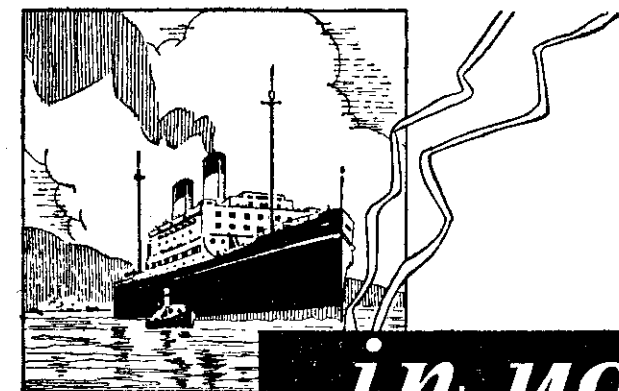
Clues Across

1. Steal disjointedly after a hundred into an Englishman's home.
4. I am surrounded by caps in a savoury jelly.
9. Prim neat men do not last long.
10. It is said that no man is this to his valet.
11. Snipe, Sir? This uplifts.
13. A sup of a poisonous tree.
14. Nora may be found in an Italian river.
16. With danger it is walking.
17. O, far from this gambling game!
19. Derangements in bare rations.
20. Recumbent or telling untruths.

21. What the donkey did—this could be very bad if you added five.

Clues Down

2. A pure man in Surrey exceeds the prescribed number.
3. An Italian coin from an untruthful person.
5. Peerless slumberers.
6. Toying with a terror for asking questions.
7. I pant to make pictures.
8. Feelings as in stones.
9. A dweller in a tin bath.
12. Crooked news is under hand—this is rare in this machine age.
15. Sometimes heard from 5 down.
18. Stellar rats.



..in your absence—



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11/14.