

PUZZLERS

Puzzler 1 - "It's wrong!"

Despite appearances, the following subtraction is wrong:

$$\begin{array}{r} \text{ELEVEN} \\ - \text{THREE} \\ \hline \text{EIGHT} \end{array}$$

Can you prove it is wrong by showing that no values can be substituted for the above letters (different for different letters) in order to give a correct answer?

Puzzler 2 - "Whodunit?"

A policeman took four men in for questioning and they made the following statements:

Artie: Bert did it  
Bert: Dobber did it  
Clyde: I didn't do it  
Dobber: Bert lied when he said I did it.

The policeman, knowing that only one of these statements was true, arrested the guilty man. Who was it?

Puzzler 3 - "I pass!"

It takes an express train twice as long to overtake a goods train as it takes the two trains to pass when going in opposite directions. How fast is the express train going if the goods train has a speed of 20 m.p.h.?

Puzzler 4 - "An age-old problem"

If Bill is twice as old as Arthur will be when Carol is as old as Bill is now, then who is the oldest and who the youngest?

(More puzzlers over page)

