



At the back Puzzles

iq

ARE YOU A MATHS & LOGIC MAESTRO?

If you have a mind for maths, logical reasoning, cryptic clues and other conundrums, send them to us and we will publish the most difficult in these very pages.

If you are interested, contact social@theactuary.com



Mensa
The High IQ Society

A stationery shop sells red and blue notebooks.

On the first day one third of each are sold, but on the following day one half of the remaining red books and only one fifth of the remaining blue books are sold.

The third day sees sales of two fifths of the remaining red and one third of the remaining blue books, and on the final day one third of the remaining red books plus one quarter of the remaining blue books are sold.

This leaves the store with twice as many blue books as reds left.

If the store had 270 red books to start with, how many blue books did they have at the start?



The prefix mix Mensa puzzle 815

When the letters of each word are rearranged, one of them can be used to prefix all the others, to give four longer words. What are they?

**TO
SHIN
NAP
RISE
RAT**

True grid Mensa puzzle 816

What number should replace the question mark in the grid?

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

Mensa puzzle 814: 270. 815: Tarot, lamish, tarpan and tarsier. 816: 3. Every small square of four numbers totals 19.