

Solution to Last Month's Quiz

Logic Puzzle

The puzzle was: On an island where all inhabitants are either knights – who always tell the truth – or knaves – who always lie – you meet three inhabitants, A, B, and C. A and B make the following statements:

A: All of us are knaves

B: Exactly one of us is a knight

What are A, B, and C ?

----- Solution -----

A's statement cannot be true – because if it were true, A would, himself, have to be a knave – and knaves do not tell the truth. Hence A has told a lie, and must be a knave – but at least one of the other two – perhaps both - must be a knight to make A's statement a falsity.

Assume that B is a knight. Then he would have to be the only knight – because his statement – that only one of them is a knight - would be true. That would mean that C is a knave.

If, on the other hand, B were a knave, his statement would have to be false, meaning that the total number of knights is NOT one. From A's statement we know that the number of knights is one or two. So taking B's statement into account, there would have to be TWO knights. But we know that there are two KNAVES – A (proven) and B (by this assumption). Since the assumption that B is a knave leads to a contradiction, B must actually be a Knight. And we saw that if we assume B is a knight, C must be a knave.

So, in conclusion, B is a knight, while A and C are knaves.

TARGET DATE FOR September Contributions
or Questions for Aaron.

November 20, 2020

Please reach us with your articles, news or ideas at
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This Month's Quiz

DRIVEN TO DRINK

While it's definitely NOT okay to be drinking and driving, the title of this quiz is a common turn-of-phrase for how some Covid-internees may be feeling.

See if you can pull yourselves together and unscramble these libations.

1. I + RUMBAED
2. GRANDNIECE minus C
3. A + NEUROTIC
4. HARMONICAS
5. C + REPTILES (two words)
6. REINSTATE minus R
7. I + RIGHTISMS minus G (two words)
8. I + BE + INDECENT
9. AMBULANCES minus L, E, and N
10. H + CREATURES

These descriptions, in alphabetical order, are to help this puzzle go down easier!

A sweet, golden coloured liqueur

A non-alcoholic bar syrup

An orange liqueur

A strong, sweet liqueur made from a variety of small bitter cherries

A type of strong, sweet and colorless orange -flavored liqueur.

An anise-flavored liqueur

A brown whiskey liqueur

An herbal liqueur produced in France

An Italian anise -flavored, usually colorless, liqueur

An aromatic liqueur, usually yellow or green

A Riddle for the Kiddies

People have stepped on me, but
not many. I never stay full for
long. I have a dark side.

What am I?

(Hint to Parents – if you or your children have problems solving this, they shouldn't be astronomically large!)