

Bryce Lynch

Bryce was convicted for blatant plagiarism of puzzles. Sure enough, this puzzle looks oddly familiar, as if you've seen it somewhere before.

At a fictional desert oasis, you encounter five peddlers of mysterious commodities and decide to question them. Soon you realize that amongst them:

- One always answers with the truth
- One always answers with a lie
- One answers with the truth to odd-numbered questions, and lies for the rest
- One answers with the truth to even-numbered questions, and lies for the rest
- One answers with the truth to prime-numbered questions, and lies for the rest

Questions: The commodity I'm selling	Seller 1	Seller 2	Seller 3	Seller 4	Seller 5
1. ... has bigram RI	Yes	Yes	Yes	Yes	Yes
2. ... does not have 8 letters	No	Yes	Yes	No	Yes
3. ... has a chemical component that contains another commodity as a substring	No	No	Yes	Yes	Yes
4. ... was fought over on Ceylon	No	No	No	Yes	Yes
5. ... doesn't contain any letter more than twice	No	Yes	No	No	Yes
6. ... was not produced by a monastery in Extremadura	No	No	Yes	No	No
7. ... appears on a country's flag	No	No	No	Yes	No
8. ... contains a T and an E	Yes	No	Yes	Yes	No
9. ... is mentioned in the Bible	No	No	Yes	No	No
10. ... contains a U and exactly one other vowel	Yes	No	Yes	No	Yes
11. ... does not contain an O	No	Yes	No	No	Yes
12. ... starts with a C and ends with an N	No	No	No	No	Yes
13. ... has either the bigram PA or ME	No	Yes	No	Yes	Yes

a	b	c	d	e	f	g
1	2	3	3	4	2	1
1	5	2	3	4	4	1
1	2	3	3	4	4	1
1	5	2	3	2	3	5
4	5	5	1	3	3	5
4	5	2	2	3	2	4
4	4	5	3	3	3	5