KUCKUCK
PUB QUIZ #011

TEAMNAME: _____

PLAYER NAMES: _____

RULES: No phones! No google! - Max. 5 Players / Team - Multiple answers possible! - 1 point per question
The winning team of the evening gets to pick a shot for everyone else!

Section 1: Do you know Tübingen?

1. What is the oldest bar in Tübingen? - Continuously open since 1782.
   - ☐ Ammerschlag
   - ☐ Bären
   - ☒ Boulanger
   - ☐ Neckarmüller

2. The two fountains at the Neue Aula have been there since 1999. What happened to the old ones?
   - ☐ There was no old ones.
   - ☒ 1931 - removed to make space for National Socialist rallies.
   - ☐ 1976 - removed because they where deemed "old fashioned"
   - ☐ 1998 - removed because they had structural issues.

3. How many different degree programs are offered at the University of Tübingen?
   - ☐ about 30
   - ☐ about 60
   - ☐ about 100
   - ☒ more than 200

Section 2: Popcorn Science

1. What is the name of the disappeared brother in Disney's Encanto?
   - ☐ Antonio
   - ☒ Bruno
   - ☐ Camilo
   - ☐ Dante

2. If your birthday is on November 22, which star sign would you be?
   - ☐ Libra
   - ☒ Sagittarius
   - ☐ Scorpio
   - ☐ Taurus

3. Who is NOT a german rapper?
   - ☐ Azad
   - ☐ Gzuz
   - ☐ Nimo
   - ☒ Yachty

4. What is the name of Heidi Klum's husband, who was also part of the band Tokio Hotel?
   - ☐ Bill
   - ☐ Felix
   - ☐ Max
   - ☒ Tom

Section 3: Intergalactic Brain Buster

1. Whats the difference between an astronaut and a cosmonaut?

   Cosmonauts are from the UdSSR, Astronauts from USA and the western countries.

2. What star is nearest to Earth?

   the Sun

3. How many people have set foot on the moon so far?
   - ☐ 6
   - ☒ 12
   - ☐ 18
   - ☐ 24

4. Name all 8 planets in order from the sun.

   Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune

5. Which planet circles the sun every 84 years?
   - ☐ Mars
   - ☐ Mercury
   - ☐ Saturn
   - ☒ Uranus

Section 4: Let's explore the world

1. What is the second most commonly learned language in the world?
   - ☐ English
   - ☒ French
   - ☐ Mandarin
   - ☐ Spanish

2. Can you arrange the following cities from west to east: Hong Kong, London, Los Angeles, Miami, Rome, Santiago de Chile, Tel Aviv, Tübingen?

Los Angeles, Miami, Satiago de Chile, London, Tübingen, Rome, Tel Aviv, Hong Kong
The trick is that almost all of South America is east of Miami.

3. In which navigational direction does the Bosphorus Strait approximately run?

☒ North to South ☐ West to East

4. How about the Panama Canal?

☒ North to South ☐ West to East

5. If you take a pair of scissors to the Flag of Norway, how many other national flags could you cut out of the fabric?

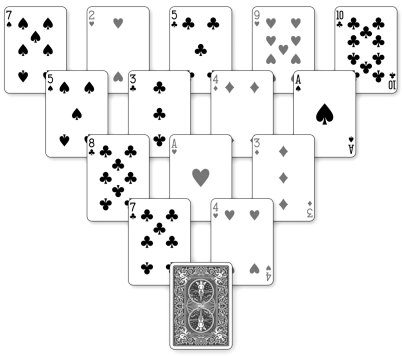
6 or 7 - (Finland), France, Indonesia, Monaco, Poland, Netherlands, Thailand - With or without Finland correct.

Section 4: Are You Smarter Than A 6th Grader?

1. If you multiply all prime numbers from 1 to 100 what is the last digit?

0 - All numbers that are multiplied by 2 and 5 have the last digit 0

2. There is a pattern in this cards, dealed from a single deck. What is the last one?



3♠ of spades. Black card = plus, red card = minus. You add the two upper cards to get the lower one.

3. Three men rent a hotel room together for $30, paying $10 each. Later, the owner decides they were overcharged and gives $5 to the bellboy to return. The bellboy, unsure how to split $5 among three men, gives each $1 and keeps $2. Now, each man effectively paid $9, totaling $27, plus the $2 the bellboy kept, making $29. Where is the missing dollar?

There is no missing dollar. The men paid $30, got back $5. Each man received $1 ($3 total), and the bellboy kept $2.

Bonus Challenge

I have chosen two different numbers greater than one. Their sum is less than 100. I told their sum to Sammy, and their product to Paul.

Paul: "I don't know what the numbers are."
Sammy: "I knew that. I don't know them either."
Paul: "Oh. Now I know the numbers."
Sammy: "Now I know them too."

What were the numbers?

4 and 13 (also 4 and 7)

REASONING:
Sammy is told 17, Paul is told 52. Paul doesn't know the numbers, they could be {2, 26} or {4, 13}. He says so. Sammy knew that Paul didn't know the numbers, because 17 cannot be expressed as the sum of two primes, and says so. He also doesn't know the number because there are multiple choices {2, 15}, {3, 14}, {4, 13}, {5, 12}, {6, 11}, {7, 10}, and {8, 9} which add up to 17 and which Paul wouldn't automatically be able to discern. Paul knows that of the two options {2, 26} and {4, 13}, Sammy could only know Paul didn't know with {4, 13}, for if the numbers were {2, 26}, Sammy would have been told the sum was 28, and the numbers could have been {11, 17}, which would be obvious to Paul. So Paul knows that the numbers were {4, 13}, and announces that he knows the numbers. Of the sets which add up to 17, only {4, 13} is the only option with a product non-obvious to Paul at the beginning, but obvious once it's made clear that Sammy knew it would be non-obvious. {2, 15} could have been {5, 6} from Paul's point of view, so Paul wouldn't have known the answer yet. All other sets have similar issues.