



Captains are invited to the stage.

Chairperson reads the tasks aloud and gives out this sheet to each Captain.

The time to solve all problems is **5 minutes**.

Points for any problem can be either **0** (invalid, absent, incomplete, unintelligible or wrong answer) or **1** (correct answer).

All answers and number of points are public.

The winner is determined by the maximum number of correct answers.

In case of a tie, an extra Problem 6 is offered, and the Captain with the best answer gets an extra 1 point.

The sheets with answers and names of Captains are then submitted to the Scoring Commission for archiving.

All scores (including an extra point in a tie breaker) and the winner are recorded in Science Fight Protocol.

10th IYNT 2022: Captain's Contest for Science Fight 4

Team _____ Captain's name _____ Group _____

Problem	Answer	Points (0 or 1) filled by Chairperson
1. Which planet has higher average density: Mars or Jupiter?		
2. Write down the chemical formula of hydrogen peroxide.		
3. Arrange these liquids by the order of increasing density: kerosene, mercury, sulfuric acid, water.		
4. 1 L of ethanol is added to 1 L of water. Is the resulting volume of the mix higher or lower than 2 L?		
5. Is the electric charge of positrons positive or negative?		

Do not answer the question below unless a tie breaker is announced

6. Estimate the date of birth of Charles Darwin.		
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