



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.

7th IYNT 2019: Captain's Contest for Semi-Finals

Team _____ Captain's name _____ Group _____

Problem	Answer	Points (0 or 1) filled by Chairperson
1. Below is given a list of five mammals. Indicate the only one which is not a rodent. <i>Arctic fox (Vulpes lagopus), Capybara (Hydrochoerus hydrochaeris), House mouse (Mus musculus), Southern flying squirrel (Glaucomys volans), Syrian hamster (Mesocricetus auratus)</i>		
2. Arrange these plants in the order of increasing mass: <i>Common oak (Quercus robur), Field marigold (Calendula arvensis), Giant sequoia (Sequoiadendron giganteum)</i>		
3. Convert the hexadecimal number 7 to decimal form.		
4. Name the number of livers (<i>Jecur</i>) in a healthy human.		
5. Robert Millikan (1868—1953) has conducted a systematic investigation and observed small oil droplets between two parallel metal plates. Name the fundamental physical constant that Millikan has measured with this experiment.		

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

6. Voyager 1 is a space probe launched by NASA. It is now more distant from Earth than any other human-made spacecraft. Name the year when Voyager 1 was launched.		
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