



THIS SHEET IS USED BY CHAIRPERSON ONLY

Captains are asked if they hear the Chairperson clearly.

Chairperson reads the first task aloud. Everyone in the Group hears the task.

The answers are provided by Captains in direct messages to the Chairperson.

The time to answer each question is **20 seconds, including the time of typing.**

After collecting the answers, Chairperson moves on to the second task etc.

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 question 6 is offered, and the Captain with the best answer gets an extra 1 point.

The screenshots of answers are 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.

9th IYNT 2021: Captain's Contest for Finals

1. What is the overall resistance of two resistors, each of 1 Ohm, connected in parallel?
2. Previously unknown, extinct species of prehistoric humans were identified in 2010 based on mitochondrial DNA from a finger bone found in a cave. Name the species.
3. Below is given a list of five astronomical bodies in the Solar System. Indicate the only one which is **not** a natural satellite that orbits a planet.
Callisto, Ganymede, Mercury, Moon, Titan
4. Seawater has a lower concentration of salts than freshwater. Is this statement true or false?
5. What is the lightest chemical element in the periodic table?

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

6. Books of passengers and cargo on canals in the Netherlands carefully recorded the days when these canals were frozen. This allowed De Vries reconstructing a very long series of average winter temperatures, spanning to periods long before instrumental measurements. Estimate the earliest year in this temperature series.