

Problem 6



Water on the Earth

OPPOSITION

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Problem

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- ▶ The modern astrophysics states that the World Ocean emerged on the Earth due to a lengthy and intensive comet bombarding at a certain stage of the Solar System formation. Find out as many parameters of this grandiose phenomenon as you can.

Purposes of reporter

- ▶ Find out reasons of occurrence water on Earth
- ▶ Prove that comets fell to Earth
- ▶ Investigate reasons of appearance comets near Earth
- ▶ Investigate their impact on the planet
- ▶ Find out parameters of comet bombarding
- ▶ Find the number of comet bombing
- ▶ Investigate the number of comets, which fell out on Earth

Summary

- ▶ Reporter called the reasons for occurrence of the water (such as cooling process and comet bombing). Also he told about comets in general. Reporter believes that comets come from Oort cloud, Kuiper belt or Scattered disk. In his opinion the cause of output of comets of these regions are random collisions. He told about number of comet bombing and their duration. As a result, reporter listed parameters that affect on this phenomenon

Advantages

- ▶ Report is well structured
- ▶ Reporter shows the picture, which contribute to the better perception of the report
- ▶ All important parts were understandable due to good performance of reporter
- ▶ Called reasons of occurrence of the water
- ▶ Reporter told about comets in general
- ▶ He proved that comets fell to Earth
- ▶ Named places from which comets come
- ▶ Called reasons of occurrence comet near Sun
- ▶ Reporter named the number of comet bombing, their duration and **reasons**
- ▶ Reporter named some parameters of this phenomenon and explain, why (and how) do they influence on this process

▶ Reporter didn't follow purposes before making decision and didn't say conclusion

Disadvantages

▶ Report isn't well structured

▶ He didn't call reasons of occurrence water on Earth

▶ Reporter said nothing about containing of water

▶ He didn't say about regions from which comets come

▶ He didn't say about reasons of leaving comets of this region

▶ Reporter say nothing about duration of comet bombing and their reasons

▶ Reporter named some parameters but he didn't explain how they affect on this process

▶ I think, that there are other important parameters which affect on this phenomenon

Question for discussion

- ▶ Is comet bombing repeat or it happened once on the initial stage of formation our planet?
- ▶ Where comets come from? Why does comets leave this regions?
- ▶ Can you name reasons of occurrence water on the Earth?

Thanks for your attention!