



FAQ on V International Natural Sciences Tournament problems (2014)

Dear participants. In this document you may find official Organizing Committee answers on questions asked by some participants

"Tastes differ"

Q: It is asked why the taste of coffee is different in various regions. Does it refer to the taste of a single variety of coffee, but served in different places, or the taste of different varieties grown in different regions?

A: The problem refers to the taste of one variety of coffee.

"The tooth fairy"

Q: It is necessary to determine how long a given patient should wear a retainer, isn't it?

A: The doctor decides how long a patient must wear a retainer, and he needs to monitor how the patient follows the prescription, i.e. how long the patient wore his retainer.

"Wastewaters"

Q: Does the problem refer to organic fluorescents such as eosin and rhodamine, or inorganic, such as iodides?

A: Organic fluorescents (certainly not rhodamine or eosin, there are other substances with such properties), but I would like to point out that the fluorescence is visible even to the naked eye, unlike iodide, which are often just yellowish or brownish solutions.

Q: According to the conditions of the problem the volume of wastewaters is 60 m³ per year. Isn't it too small for an industrial treatment plant? Is there a typo somewhere?

A: The volume of wastewater is sixty cubic meters a year, there are no typos.

**Best regards,
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Head of Organizing Committee
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