Ex 1.

1. What is the sun for our life?

 It warms the earth's atmosphere, vaporizes water from the oceans, drives the resulting clouds by means of winds to the continents, where they cause rains and rivers. These drench the thirst of people, animals and of plants, which draw their energy directly from the sun and pass it on to us when we eat them.

1. What could the sun provide for the mankind nowadays?

Solar energy has great potential for providing clean and unlimited electricity.

1. When and why was a widespread enthusiasm concerning [solar energy](https://lms.kgeu.ru/mod/resource/view.php?id=83922)?

In the 1970s, there was widespread enthusiasm, and a genuine grassroots movement emerged in the U.S, in anticipation of an imminent transition to an economy based on the solar sources of energy that came in the wake of the first «oil shock» and boycott (~1973).

1. What is the main key to serious direct [solar energy](https://lms.kgeu.ru/mod/resource/view.php?id=83922)?

An example for direct solar energy (SE) is that the sun does not always shine even in California. There are various ways to tackle that problem.

1. What are the problems associated with solar progress?

Without first concentrating the sunlight, however, it would really be too diffuse for important uses such as solar (absorption) cooling, thermal electricity generation or substantial cost-effective photovoltaic power.

Ex 2.

1. The sun is our most important source of energy.

True

1. It could provide all the energy needed by a modern industrial society worldwide for the indefinite future; which «conventional» energy source  
   could do.

False

1. In the 1970s, there was widespread enthusiasm, and a genuine grassroots movement emerged in the U. S. in anticipation of an imminent transition to an economy based on the nuclear energy.

False. (based on the solar sources of energy)

1. New solar technologies could easily have supplied a double-digit percentage of energy used by now.

True

1. It was/is the prime example of confluence, rather than conflict, of environmental and economic wellness.

True!

1. Expensive, high-grade focusing devices could have been available by easy mass-production in the 70s.

True!

1. That is not to say that working for SE can be dangerous

True (50-50)