Project Mars
TERRAFORMING MARS

(**terra**, from Latin - zęmlja (planet) earth, Earth; **form** - oblikovati, tvoriti (se); nasta(ja)ti, razvi(ja)ti se)

I. Put the following mixed up paragraphs in the correct order to get an article on changing Mars into another Earth. Če boš spodnje odstavke, ki so sedaj pomešani, postavil v pravilni vrstni red, boš dobil sestavek o tem, kako bi znanstveniki spremenili Mars v drugo Zemljo – planet na katerem bi lahko človek živel kot na Zemlji.

A	The American space agency NASA is already planning a visit to Mars by astronauts. They want to land there before 2020. NASA will probably want to build a base there too. But some scientists at the Agency have an even bigger idea. They want human colonists of Mars to change it into another Earth.
B	When the planet is warmer, the ice under the Mars' surface will melt. The water will stay on the surface in small pools. The factories will now produce oxygen. More people will come from Earth.
C	But the NASA scientists say it's possible for humans to change Mars over a long period of time. They already have ideas about how to do this, and many space scientists agree on a general plan. The project will be too big for one country. The whole world will have to work together.
D	By the end of this stage, there will be enough oxygen for humans to breathe normally. A lot more people will arrive from Earth, and many people will be born on Mars. Cities will grow. Mars will not need any more help from Earth.
E	The average temperature will be about 4° C. Now there will be large rivers and lakes and even oceans. Rain will fall regularly. People will plant millions of trees. There will be biosphere towns and people will travel in cars that keep in oxygen.
F	The first Mars mission from Earth will arrive. The flight will take three months. The astronauts will live in a special shelter for up to one year. Their job will be to explore and make tests.
G	At the moment of course, Mars is very different from Earth. Nothing can live there. The atmosphere of Mars is 95 % of carbon dioxide (CO_2), and very thin. It hasn't got enough atmosphere to keep in heat. There is some water, but it is under the ground – it's ice. Its average temperature is – 24° C (Earth's is 15° C).
H	There will be a small colony on the planet. The colonists will live in special homes called biospheres. In this stage, the colonists must warm the planet. Factories will make gases from Mars' rocks to make the atmosphere thicker.
I	The planet will continue to get warmer. Its average temperature will be 0° C. There will be streams, lakes and small rivers. Some types of plants and trees will be able to grow. There will still not be enough oxygen for humans, so people will still live in biospheres. But living conditions will be better, so more people will want to come from Earth. There will be about 250,000 people on the planet.

Rešitve:

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II. Make an interview with the chief scientist in the project of changing Mars into another Earth. Napravi intervju z vodjem projekta spreminjanja Marsa v drugo Zemljo.

III. It is 2400 CE (Common Era – leta 2400 našega štetja). You are from Mars. Write a scientific report on how your ancestors from Earth hundreds of years ago changed Mars into a place to live on. Napiši znanstveno poročilo o tem, kako so tvoji predniki pred stotinami let Mars spremenili v kraj, kjer se da živeti.