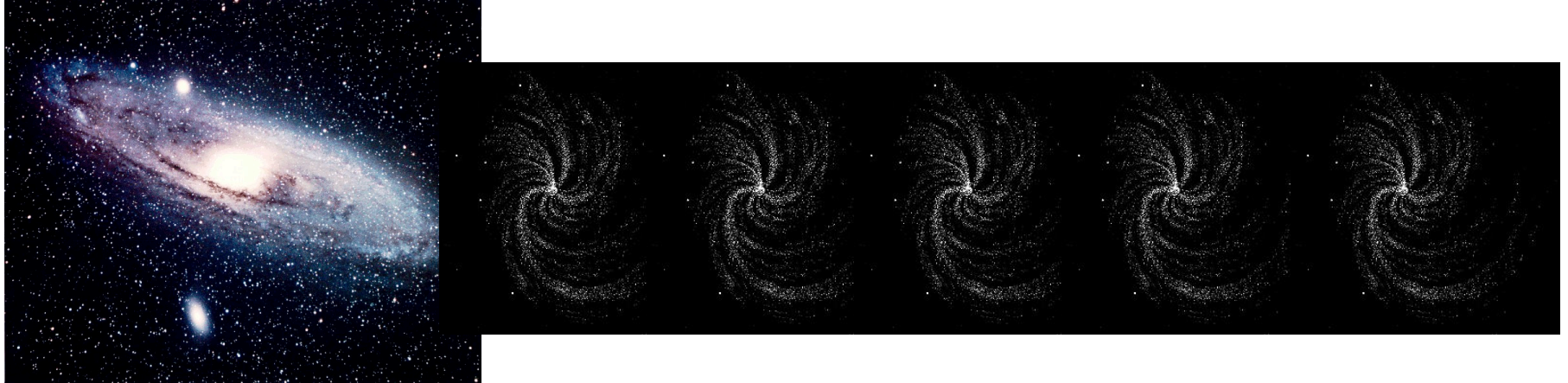


If you could line up a series of Earths side-by-side, how many Earths would fit between the Sun and Earth?



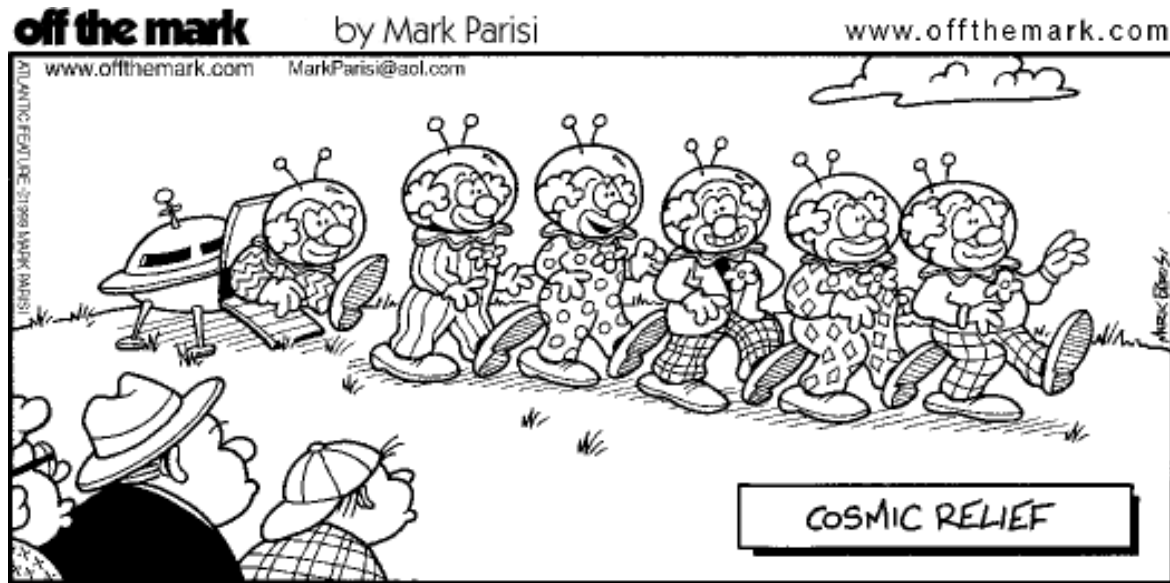
The distance between the Sun and Earth is 150,000,000 km.
The diameter of the Earth is 13,000 km.

How many Milky Ways would fit side-by-side between the Milky Way and Andromeda?



The distance between our galaxy (the "Milky Way") and the next nearest large galaxy (the Andromeda galaxy, or M31) is about two million light-years. The radius of the Milky Way is about 50,000 light-years.

Compare your answers. Which situation do you think seems more crowded, the Solar System or the space between galaxies?



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