

Group Name:

1. From a scientific point of view, is it correct to use the terminology *shooting star*? Are they stars? Explain your answer.

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2. Explain why we always see the same side of the Moon from the Earth.

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3. The troposphere is part of the atmospheric layer that is turbulent because it is in contact with the ground which is heated by the Sun. The stratosphere is different. Although it may experience winds, it does not have turbulence. In which layer of the atmosphere do you think airplanes fly? Explain your answer

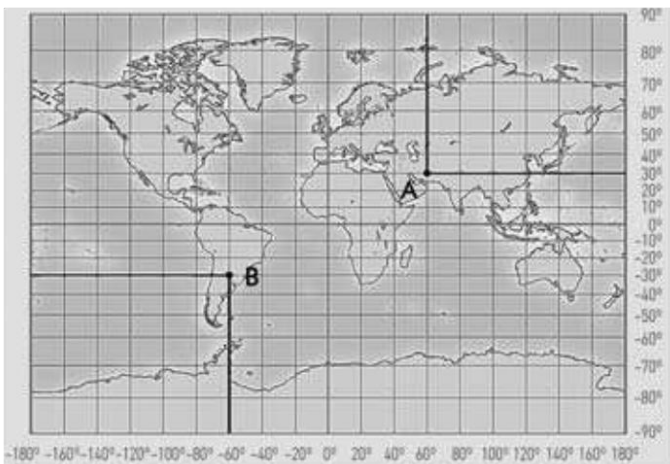
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4. Look at the picture. Write the geographic coordinates for points A and B.



The geographic coordinates for point A are:

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The geographic coordinates for Point B are:

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