

Name _____

THE REASON FOR THE SEASONS? (PART ONE)



IMAGE A



IMAGE B

Shown above are two images of the Sun taken six months apart by the Solar and Heliospheric Observatory (SOHO) space satellite. Assume that the satellite was *always* the same distance away from the Earth, 1,000,000 miles, for both images.

1. Are the images of the Sun the same size? _____
2. If they are not the same size, how could you explain the difference?
3. In which month do you think each image was taken?

Image A _____ Image B _____

4. In which month(s) of the year is the weather the warmest in the northern hemisphere (here)?