

FOLLOW THAT SUNSPOT!!

Fact # 1: The Sun rotates from east to west with sunspots on it.

Fact # 2: Scientists took pictures of the Sun starting at noon on Jan. 16, 2003. They finished at noon on Jan. 30, 2003.

1. Find the darkest sunspot and circle it on each picture. Be sure to look at the edges of the Sun for sunspots!
2. Order your pictures so that you can see the sunspots move from east to west.
3. Compare how you ordered your Sun images with the scientists' images. Are they the same? _____
4. Figure out how many days it took the scientists to collect their sunspot images. (HINT: read Fact #2)

5. From these pictures, try to calculate how long it takes for the Sun to rotate all the way around.

