

## The North (Wall) Star - Polaris Latitude Worksheet

Polaris →

1. Use a ruler to draw a line from your position on Earth to the star.
  2. Measure the angle between your Horizon Line and Polaris:  
\_\_\_\_\_ (degrees)
  3. Measure the angle between your Zenith Line and the Equator:  
\_\_\_\_\_ (degrees)
  4. Do they match? \_\_\_\_\_
- Polaris is actually MUCH farther away... you would need to line up 30 billion more sheets of paper to position it correctly!
5. Draw a line from your position on Earth to the "o" in the word Polaris next to the star.
  6. Measure the angle between your Horizon Line and this more accurate line:  
\_\_\_\_\_ (degrees)

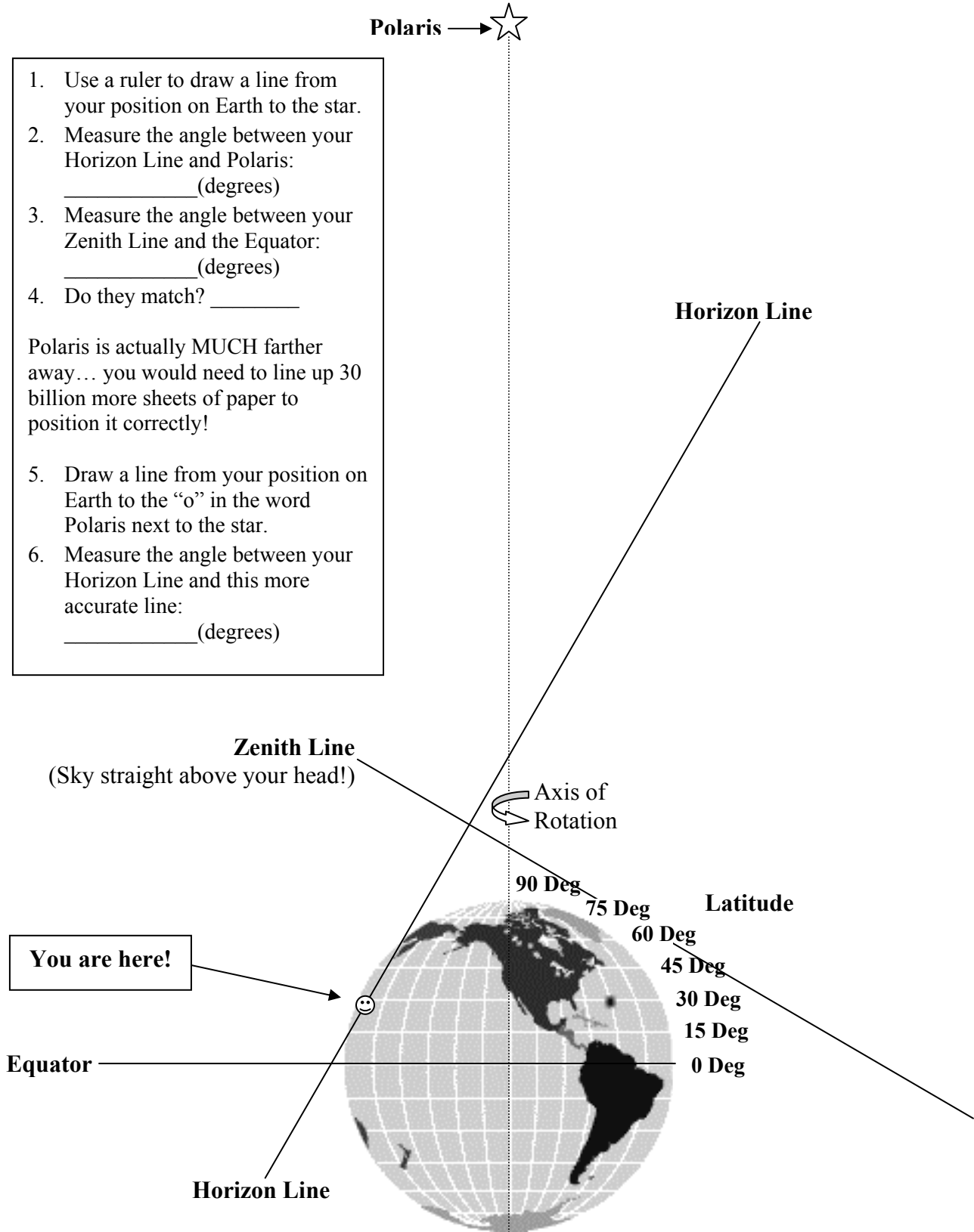


Image Source: [vesuvius.jsc.nasa.gov/er/seh/navigate.htm](http://vesuvius.jsc.nasa.gov/er/seh/navigate.htm)