The North (Wall) Star - Polaris Latitude Worksheet

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)