

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **Angle of the Sun**

You are standing in a flat, open area and notice that your shadow is really long. You ask your friend to measure your shadow, and together you determine that your shadow is 23 feet long. You are 5 feet 6 inches tall. What angle is the sun above the horizon?

*Show your work, and write your answer in a complete sentence.*