

Name: _____

Shadow -tracing

1. Where is the sun in the sky? How many fists up from the horizon?

2. Does the sun's position in the sky cause your shadow to be a certain size and shape? Explain how and why. Include an illustration.

3. Does the sun affect the location of your shadow? Explain how and why. Include an illustration.

4. Do you believe that the sun, you, and your shadow are lined up in a straight path? Explain your answer. Include an illustration.

5. Later in the day the sun's position in the sky will change. From what you know about light and shadows, how will this affect or change your shadow's size, shape, and location. Explain why your shadow will change. Include an illustration.
