

Sun Position and Shadow Length

Shadows



Understand how shadow length changes based on the height of the Sun in the sky.

Questions:

At 8:00 AM, the Sun is low in the sky. Shadows will be	[LONG / SHORT].
At 12:00 PM (Noon), the Sun is directly overhead. Shadows will be	[LONG / SHORT].
At 5:00 PM, the Sun is low in the west. Shadows will be	[LONG / SHORT].
When is your shadow the shortest during a sunny day?	A) Early Morning B) Noon C) Evening
In the morning, if the Sun is in the East, where does your shadow point?	A) East B) West C) Towards the Sun