

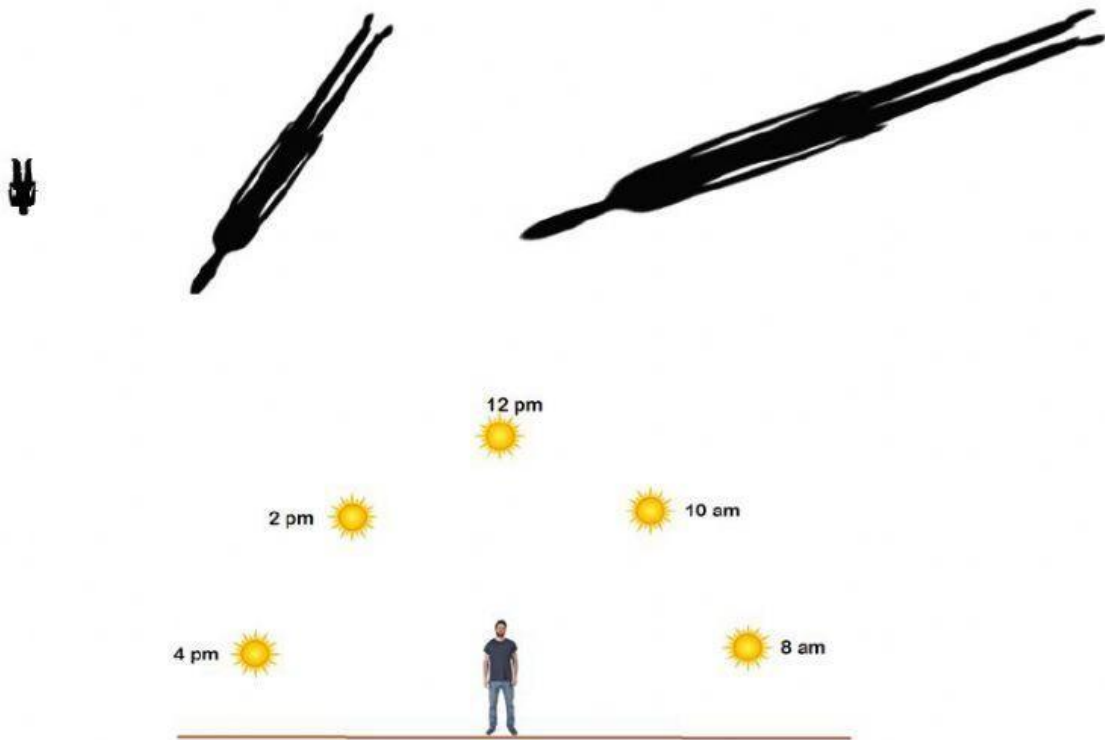
# HOW SHADOWS ARE FORMED

Complete the statements below by using the words from the box:

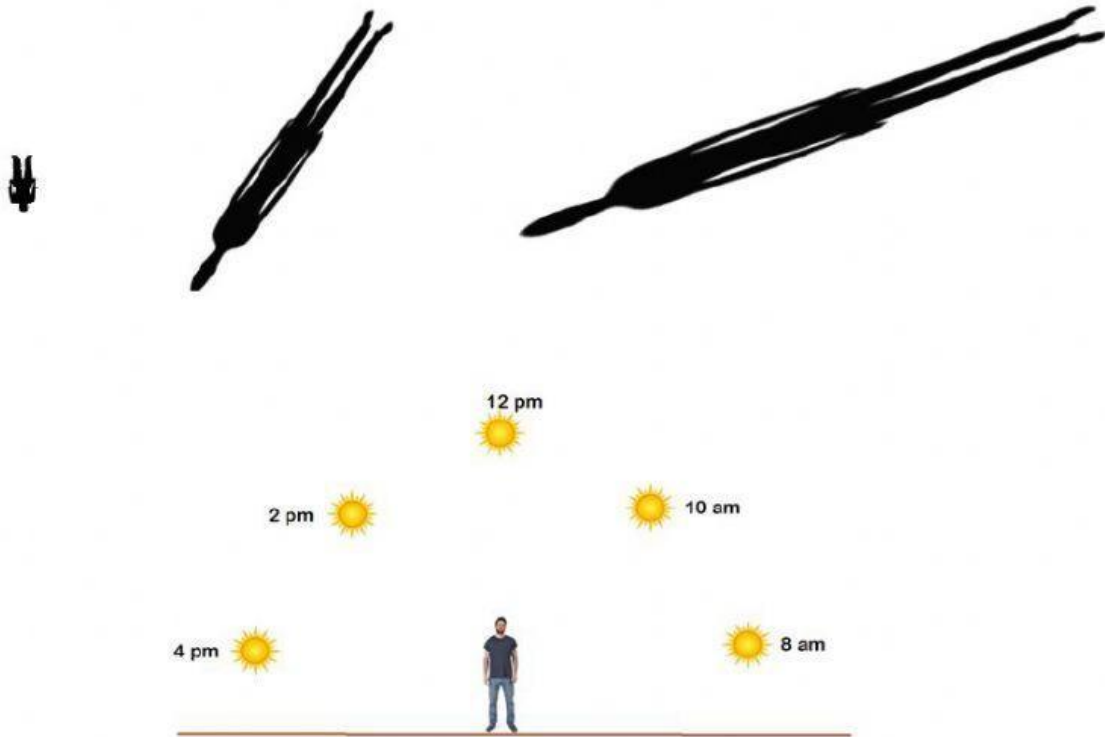
<i>blocked</i>	<i>long</i>	<i>shortest</i>
<i>short</i>	<i>shape</i>	<i>opposite</i>
<i>longest</i>	<i>shadow</i>	<i>light</i>

1. When \_\_\_\_\_ from a light source is \_\_\_\_\_, a \_\_\_\_\_ is formed.
2. The shadow is on the \_\_\_\_\_ side of the light source.
3. A \_\_\_\_\_ shadow is formed when the light source is close by.
4. A \_\_\_\_\_ shadow is formed when the light source is far away.
5. Shadows are \_\_\_\_\_ in the morning and evening.
6. The shadow will be \_\_\_\_\_ when the Sun is directly above the object.
7. A shadow changes position and \_\_\_\_\_ during the day time.

8. If the time is **8:00 in the morning**, what will the **length** and **position** of the shadow be? Drag the correct shadow to its proper place for 8:00 am.



9. If the time is **10:00 in the morning**, what will the **length** and **position** of the shadow be? Drag the correct shadow to its proper place for 10:00 am.



10. If the time is **12:00 in the afternoon**, what will the **length** and **position** of the shadow be? Drag the correct shadow to its proper place for 12:00 pm.

