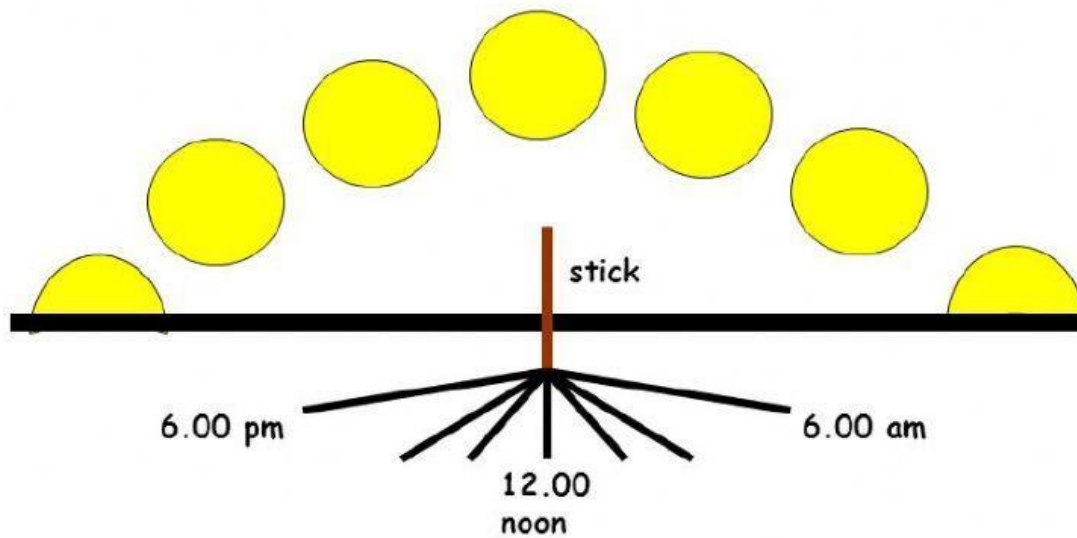


# Shadow changes during the day



Use the words in the box to complete the questions below:

|        |          |         |         |
|--------|----------|---------|---------|
| length | middle   | morning | shorter |
| long   | position | sundial | angle   |

1. Shadows change in \_\_\_\_\_, \_\_\_\_\_ and shape throughout the day.
2. This is because the \_\_\_\_\_ at which the sun shines on stationary objects changes with the Earth's rotation.
3. Early in the \_\_\_\_\_, when the sun is near the horizon, it casts \_\_\_\_\_ shadows when an object blocks the light.
4. When the sun is high overhead during the \_\_\_\_\_ of the day, the shadows become \_\_\_\_\_, as the angle of the sun has changed.
5. A \_\_\_\_\_ uses the shadows that the Sun casts to tell the time of the day.