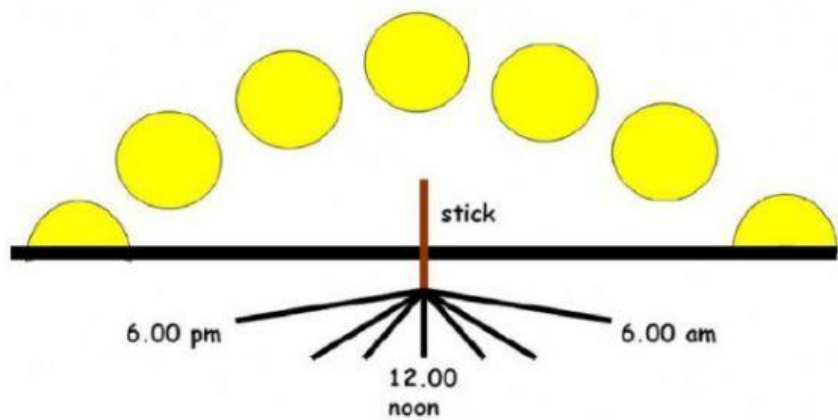


How do shadow change?

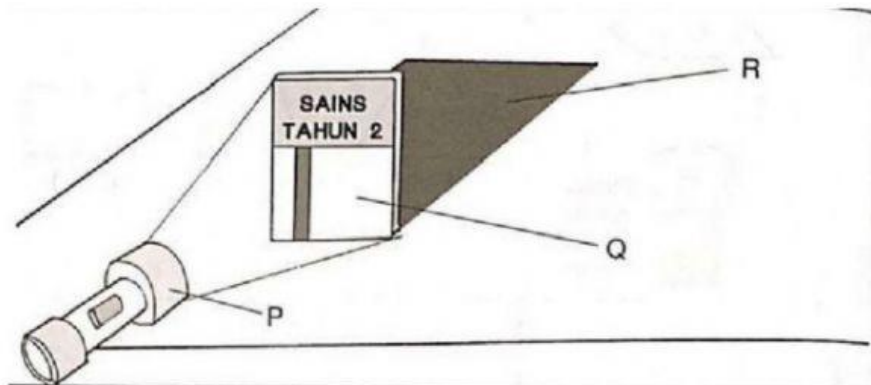


Shadows change in _____, _____ and shape throughout the day. This is because the _____ at which the Sun shines on objects changes with the Earth's rotation. Early in the _____, when the Sun is low in the sky, it forms _____ shadows when an object blocks the light. When the Sun is high overhead during the _____ of the day, the shadows become _____, as the position of the sun has changed. A _____ uses the shadows that the Sun forms to tell the time of the day.

length	middle	morning	shorter
long	position	sundial	

***Some words can be used for more than once.**

The diagram below shows the example of formation of shadow. Fill in the blanks.



1. The object that represents P and Q is

P: _____ Q: _____

2. R is a _____ that is formed when the light is blocked.

3. When the object is moved nearer to the light source, the shadow becomes _____.

4. When the object is moved further away from the light source, the shadow becomes _____.

5. Shadow will not form if Q is replaced with _____.

shadow	smaller	torch light
bigger	exercise book	transparent plastic

The pictures below represent the light and shadow. Choose the tree's shadow for each given pictures.

1



2



3

