

Science Knowledge Quiz: Light

1. **Light appears to travel in straight lines.** Is this statement true or false? _____

2. Circle the odd one out: _____

sun moon candle torch

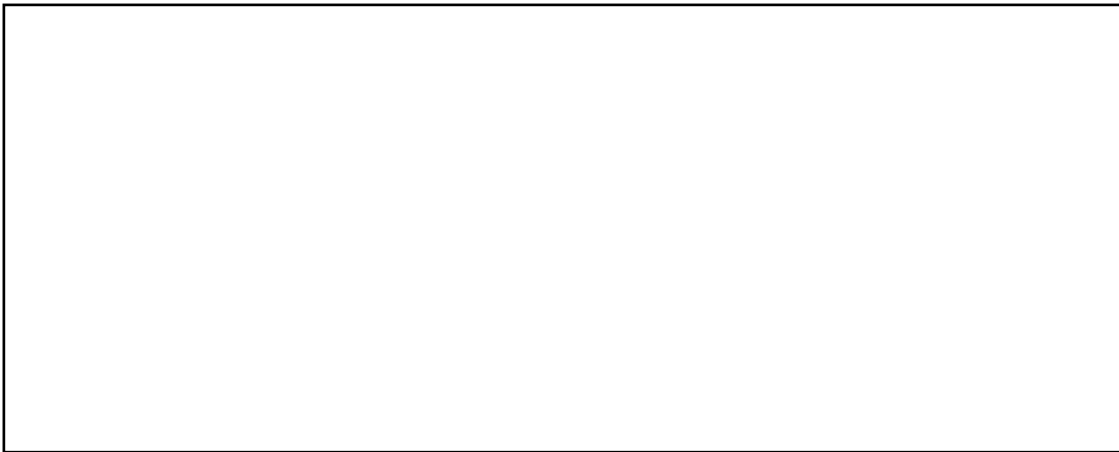
3. What is the scientific way to describe a material that lets some light through, but through which you cannot see clearly? _____

4. Finish this sentence: **Light enters the eye through the** _____.

5. **When light hits the retina at the back of your eye, images appear upside down.** Is this statement true or false? _____

6. What do **mirrors, tin foil** and **tinsel** have in common? _____

7. Light from the sun shines on a box. In the box below, draw a diagram using arrows to show how you are able to see it.



8. What does an opaque material do to light? _____

9. Complete this sentence: **The further an opaque object from a light source, the** _____ **the shadow.**

10. **Shadows are the same shape as the object blocking the light.** Is this statement true or false? _____