

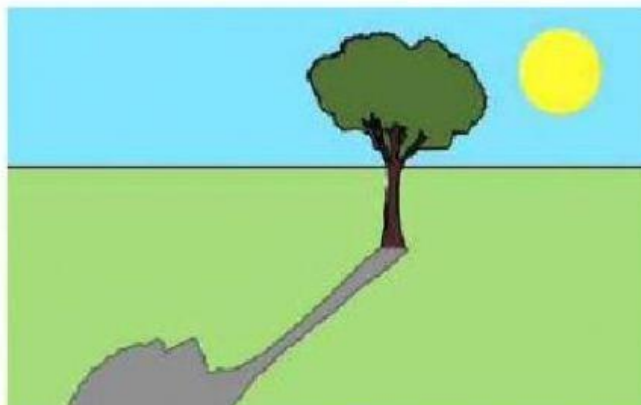
Science Quiz
How are shadows form?

Name:

A. Fill in the blanks with the words given

| | | | | |
|---------|--------|----------|-----|-----------|
| shadow | black | distance | Sun | no shadow |
| smaller | bigger | | | |

1. is formed when light is blocked by an opaque object
2. The shadow of an object is always in colour
3. form on transparent object because light can pass through it.
4. The size of the shadow changes when the between the object and the light source changes
5. The more the distance between the object and the light source, the the size of shadow.
6. The nearer the distance between the object and the light source, the the size of shadow
7. In the diagram below, the change in the position of the , causes the changes in the length and position of the shadow tree

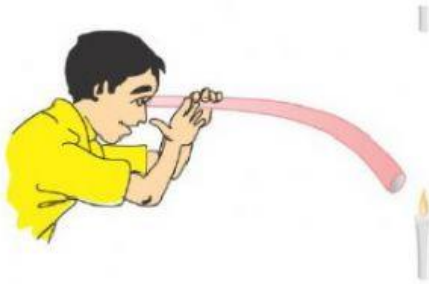


B. Fill in the blanks with the words given in the boxes

| | | |
|-------|-------|----------|
| Clear | beams | straight |
| bent | light | |

1. Light can pass through a glass

2. The light of the candle in the diagram below cannot be seen because the tube is



3. If the tube above is the light of the candle can be seen.

4. When a driver switches on the headlight of the car at night, the of light shining from the headlights are straight.

5. travels in a straight line