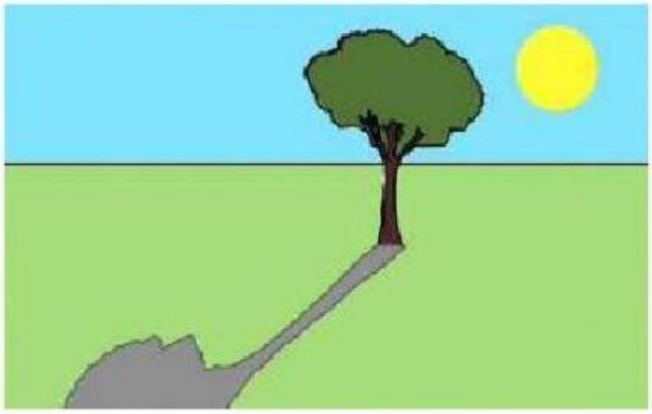
Science Quiz
How are shadows form?

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



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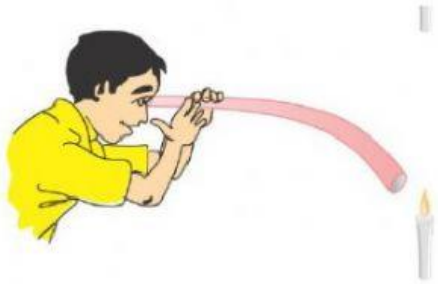
B. Fill in the blanks with the words given in the boxes

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

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