

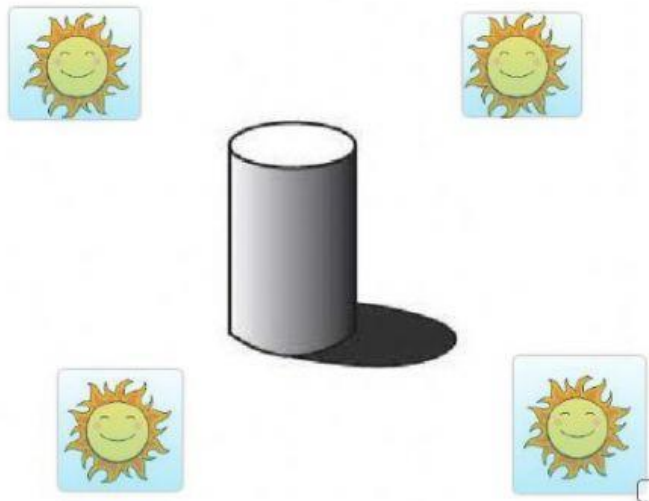
Light and shadows

A- Complete the following sentences by dragging the correct word and dropping it in the suitable boxes.

blocked	size	bigger
shape	straight	position

- 1) Light travels in a _____ line.
- 2) Shadows are formed when light is _____ by an object.
- 3) The closer the object is to the light source, the _____ the shadow.
- 4) Shadows can change _____ according to how near or far the object is from the light source.
- 5) Shadows can change their _____ according to where the light is.
- 6) Shadows always have their object's _____ but with no details.

B- Choose the correct position of the sun based on where the shadow is formed.



C- Read the following statements and determine whether they're true or false. Click on the box that expresses your opinion.

1) Light can travel round corners.

True

False

2) Shadows are formed when light is blocked by an object.

True

False

3) Light travels in straight lines.

True

False

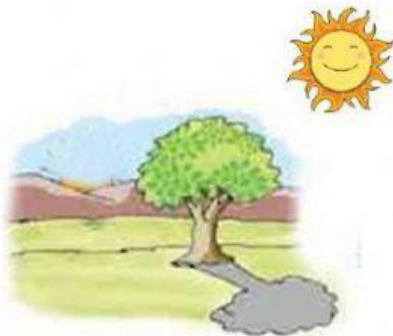
4) Light travels in a curve.

True

False

D- Look at the diagrams below.

1) Select the right answer.



Position of the shadow is
CORRECT

Position of the shadow is
NOT CORRECT

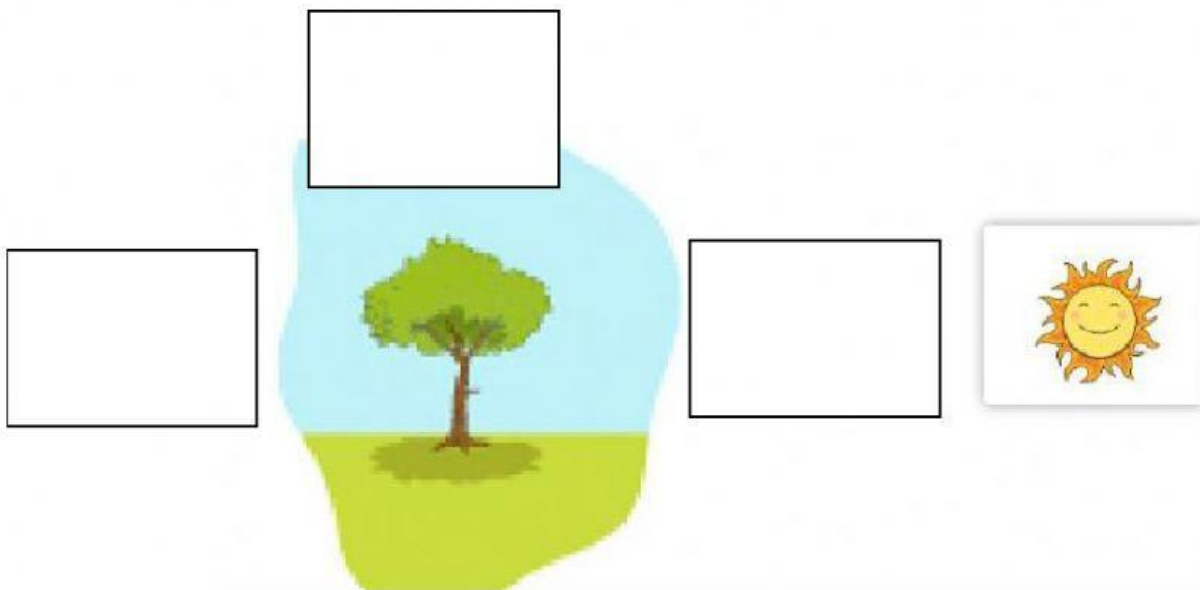
2) Select the right answer.



Position of the shadow is
CORRECT

Position of the shadow is
NOT CORRECT

3) Drag the sun to the position that allows it to form the shadow in the diagram.



E- Place the object in the correct place to create the shadow.

