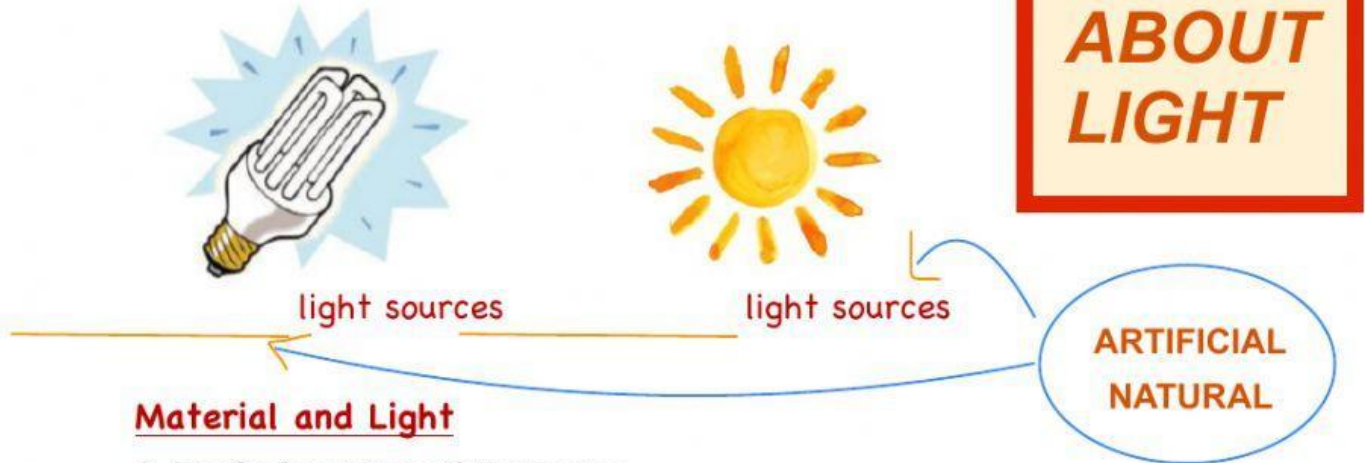


1. Choose the correct answer:



Material and Light

2. Join the description with its meaning:

allow light to pass through them without dispersing

allow light to pass through them dispersing the light

do not allow light to pass through them

opaque

transparent

translucent

OPAQUE

TRANSLUCENT

TRANSPARENT



3. Join the description with its meaning:

LIGHT SOURCE

REFLECTION

MIRROR

REFRACTION

LENSES

refract light and can make objects seem smaller or bigger

a body that emits light

change of direction when light hits an object

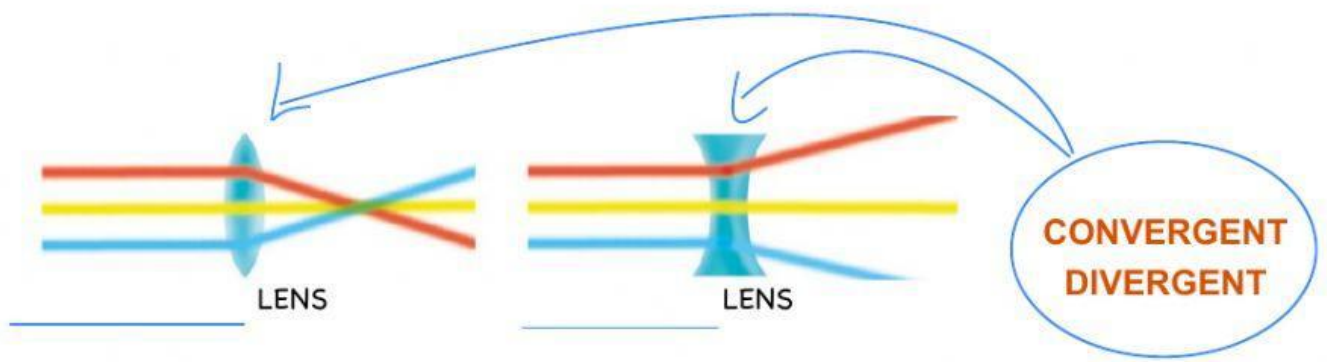
change of direction when light passes from one medium to another

a polished surface that reflect light

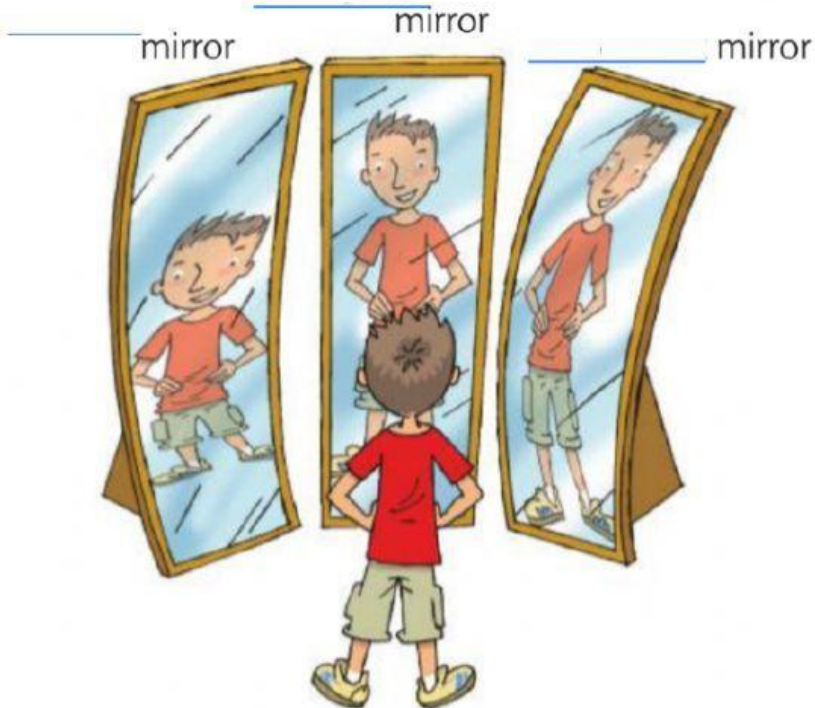
4. Regarding light, which of these sentences is false?

Light travels in straight lines.
Light travels very fast.

Stars are a natural light source.
Light can pass through any material.



Which is which? **concave** **convex** **flat**



A concave mirror makes you look

shorter
fatter
thinner
taller

How do mirrors work?

They absorb the light that hits them.
They let the light that hits them get through.
They refract the light from our eyes.
They reflect the light that hits them.

6. write or choose:

Bodies that emit light are called sources. There are two types of light: natural light like the sun and light like a light bulb.

We can classify materials according to how they react to light:

- materials allow light to pass through them without dispersing.
- materials allow light to pass through them but disperse the light.
- Opaque materials do not allow light to pass through them.

Light can change its direction in two ways:

- : when light changes of direction because it hits an object.
- : when light changes direction as it passes from one medium to another.