ABOUT LIGHT

1. Choose the correct answer:

light sources

light sources

ARTIFICIAL

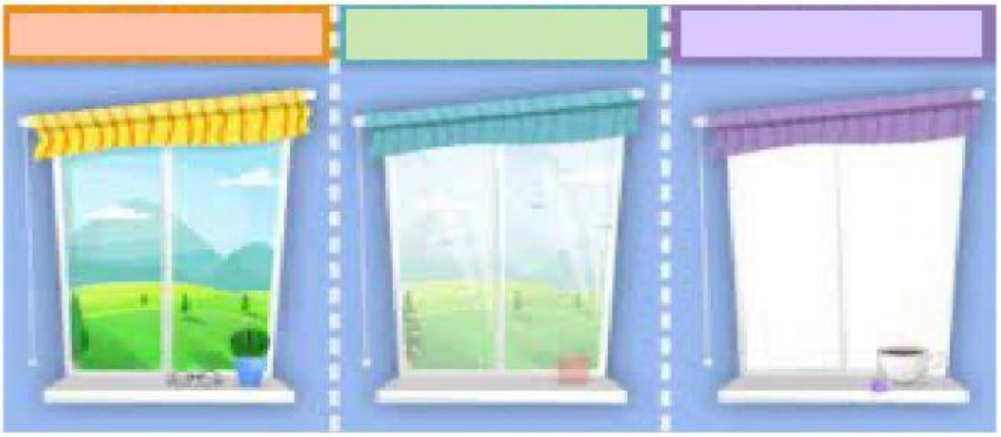
NATURAL

Material and Light

2. Join the description with its meaning:

allow light to pass through them without dispersing	**opaque**
allow light to pass through them dispersing the light	**transparent**
do not allow light to pass through them	**translucent**

OPAQUE **TRANSLUCENT** **TRANSPARENT**



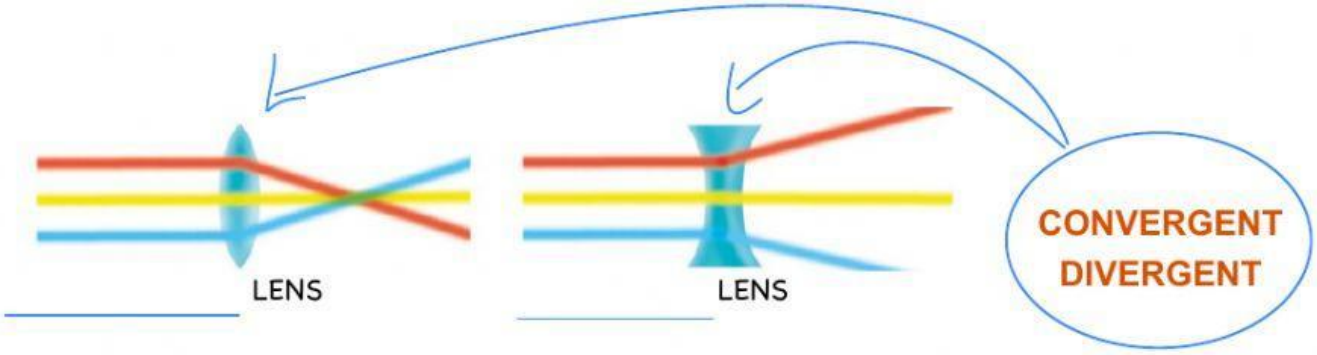
3. Join the description with its meaning:

LIGHT SOURCE	refract light and can make objects seem smaller or bigger
REFLECTION	a body that emits light
MIRROR	change of direction when light hits an object
REFRACTION	change of direction when light passes from one medium to another
LENSES	a polished surface that reflect light

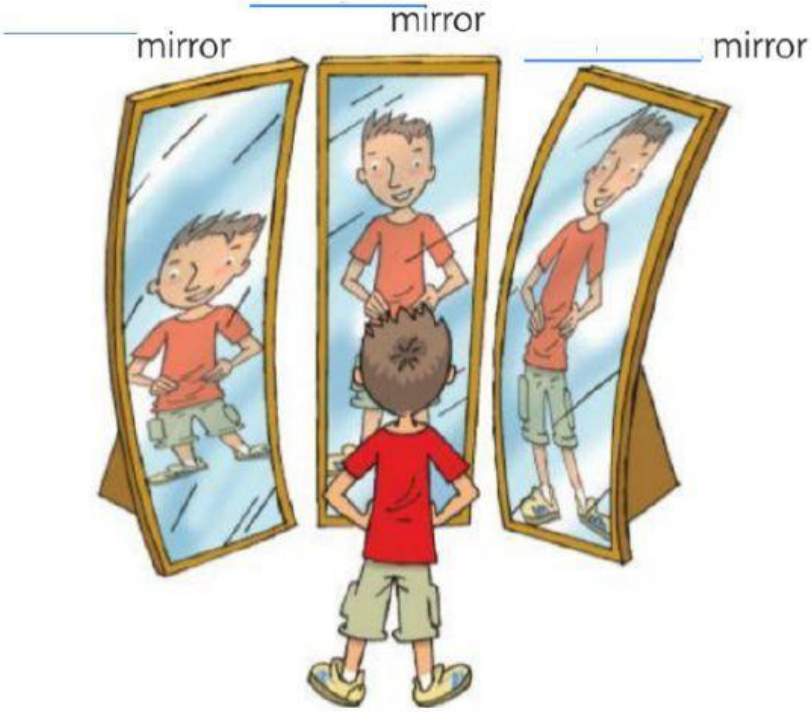
4. Regarding light, which of these sentences is false?

Light travels in straight lines.
Light travels very fast.
Stars are a natural light source.
Light can pass through any material.

LIVEWORKSHEETS



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.

LIVEWORKSHEETS