

LIGHT ENERGY

1.- SOURCES OF LIGHT. Identify if the picture shows a natural or artificial light .



STARS



TORCH



CAR LIGHTS



LAVA



LIGHTHOUSE

2.- LIGHT AND MATTER. Complete the definitions of light phenomena.

BLOCK OPAQUE LIGHT TRANSPARENT COMPLETELY TRASLUCENT

a) Some glass is ; it doesn't light.

b) Some objects are ; they block light

c) Some objects or materials are ; some passes through them.

3.- ODD ONE OUT. Click the odd one out.

a) WHITE LIGHT MEDIUM PRISM RAINBOW COLOURS

b) GLASS CLEAR PLASTIC WOOD WATER

c) STONE TISSUE TRACING PAPER CURTAINS

d) STRAIGHT LINE WAVES VERY FAST 300.000 KM/S



4.- LAWS OF LIGHT. Write REFLECTION, REFRACTION or WHITE LIGHT next to each example.

a) The mirror enables the driver to see things behind the car.

b) A microscope uses a mirror to reflect light to the specimen under it.

c) The human eye has a lens called cristaline.

d) A telescope uses a large parabolic mirror to gather dim light from distant stars.

e) The contact glasses you need to see correctly.

f) Light travelling through the lens of a photographic camera.

g) Making a disc of Newton and playing with it.

h) The rainbow appearing in the sky.