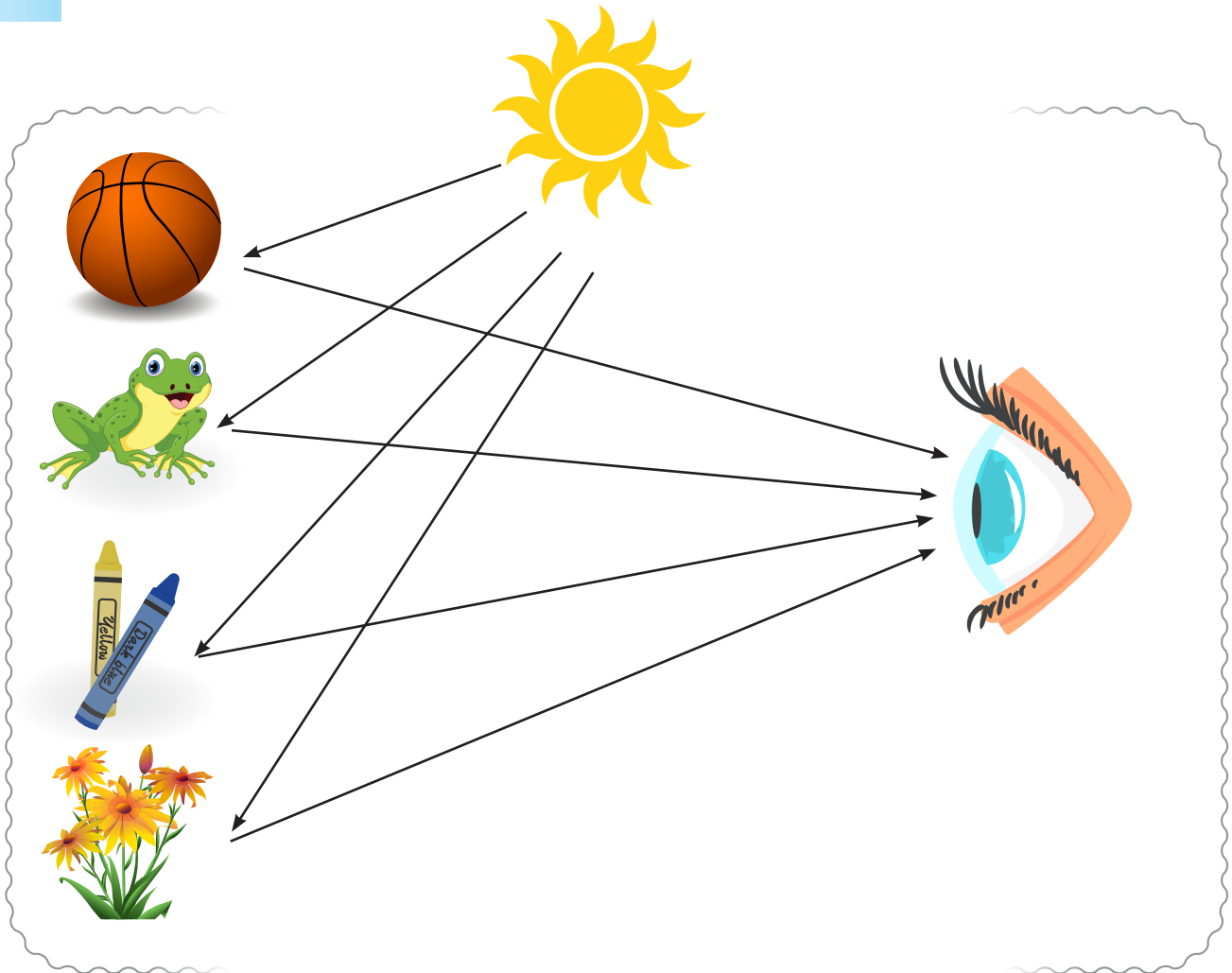


1



2

What is a reflection?

A reflection is the bouncing of light off objects.

3

Name the two types of light reflection.

Regular reflection, and diffuse (irregular) reflections.

Answers

1

a- Regular (specular) reflection.

When rays of light are reflected off a smooth.....
surface in a single outgoing direction.....
.....

b- Diffuse (irregular) reflection:

When rays of light are reflected off a rough.....
surface, such as wood, stone, paper, in many outgoing.....
directions.....
.....

2

How can we see objects?

...We can see objects because light rays enter our eyes.....
...after reflecting off the objects.....
.....

1

a- Plane mirror.

Plane mirror: is a mirror with a flat reflective surface.

The image formed by it, is the same size as the object

and is upright.

b- Spherical mirror.

Spherical mirror: is a mirror with a surface that is either

concave or convex and forms a portion of a true

sphere.

2

Name the two types of spherical mirrors.

Concave mirrors, and convex mirrors.

3

Define convex and concave mirrors.

Concave mirror: has a reflecting surface that is inward.

The image reflected by it may be upside down, and

smaller than the actual object.

Convex mirror: has a reflecting surface that is outward.

It forms images that are upright, and smaller than the

actual object.