

Light: reflect, refract, absorb

Read about light. Then label the diagrams, sort the examples and explain.

Light travels in straight lines. When light meets an object it can **reflect** (bounce off), **refract** (bend as it passes into something new, like water or glass) or be **absorbed** (taken in, which warms the object).

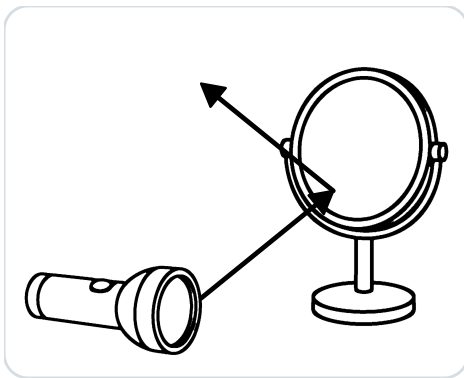
① Label each diagram with reflect, refract or absorb.

WORD BANK

reflect

refract

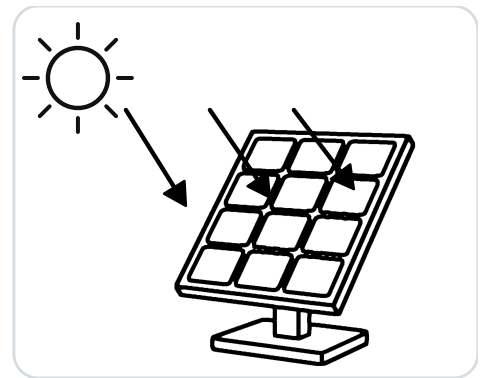
absorb



A



B



C

② Sort the examples. Write each letter in the table.

A You see yourself in a calm lake.

B A spoon in a glass of water looks broken.

C A black T-shirt gets hot in the sunshine.

D A magnifying glass makes a bug look bigger.

E A bike reflector shines when car lights hit it.

F A solar panel uses sunlight to make electricity.

reflect	refract	absorb

③ Explain.

1. The Moon does not make its own light. Why can we see it shining at night?