

Name:

1. Draw lines to match the words to their meanings.

light source

Energy that moves away from a light source in all directions. It moves very, very quickly.

light

The picture you get on the screen of the pinhole camera.

pinhole camera

Something that gives out light.

image

Your light detector! You see when light goes into this. It turns light into a signal that goes to your brain.

eye

A box with a hole at one end and a screen at the other.

2. Draw a circle round all the light sources below.



candle



book



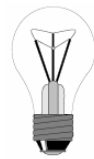
pencil



traffic lights



Sun



light bulb



television



bonfire



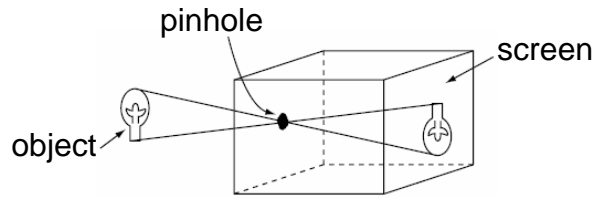
cat



fireworks

3 This question is about a pinhole camera.

Use the drawing to help you answer these questions.



a In the pinhole camera the image can be seen on

the _____

b Choose words from this list that describe what the image is like.

clear

upside down

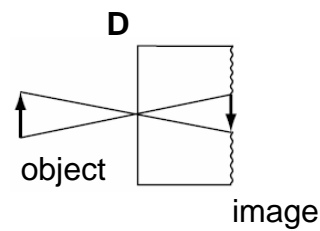
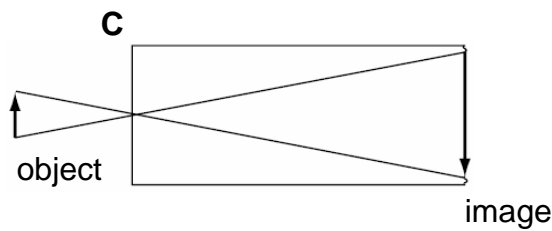
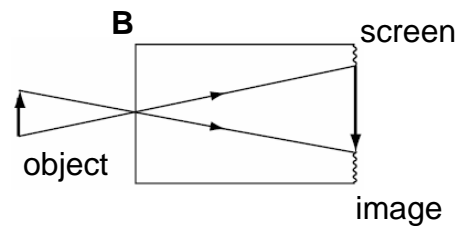
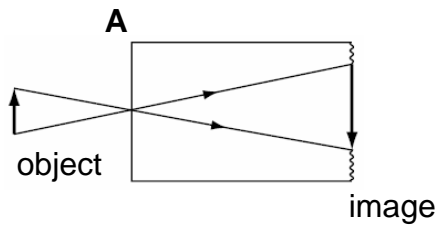
sharp

blurry

right way up

Colour in the right words. Cross out the wrong words.

4 Look at these pinhole cameras.



a Which camera is the longest? _____

b Which camera gives the largest image? _____