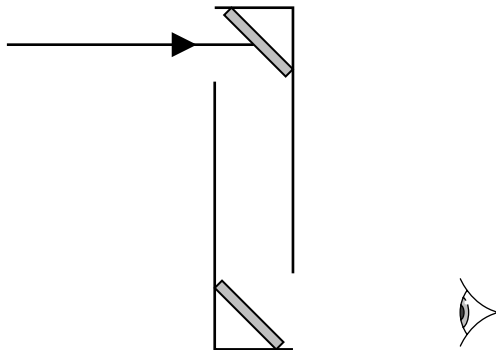


How do we use mirrors? 2

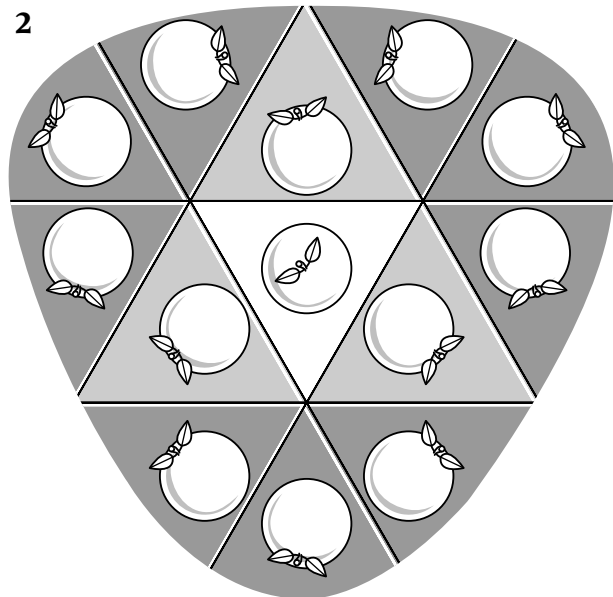
1



A periscope can be used to see over things.

- Copy the diagram and complete the lines to show the path of light to the eye.
- Add arrowheads on the lines to show the direction the rays are travelling.
- Explain why two mirrors are needed in the periscope.

2



The kaleidoscope was invented by the Scottish physicist, David Brewster (1781–1868) as a design aid.

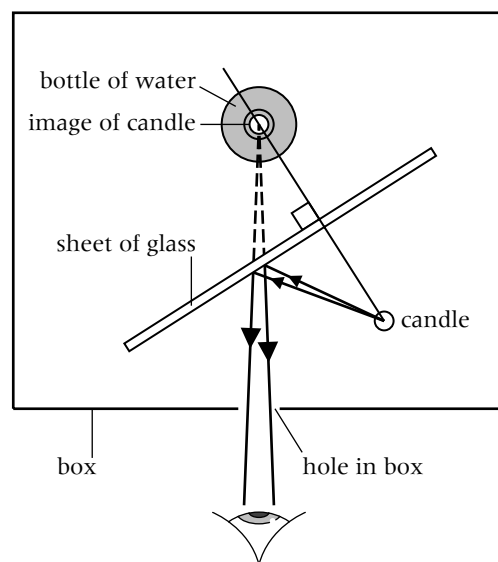
Explain how a kaleidoscope works.

3



What is the advantage of wearing reflective clothing when cycling?

4



This illusion was used in theatres in the 19th century to make a ghost appear and disappear on stage.

Explain how the mirrors help to create the illusion.