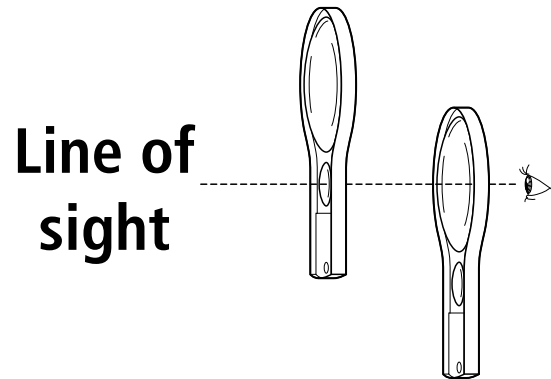


Making a Telescope



Experiment 1

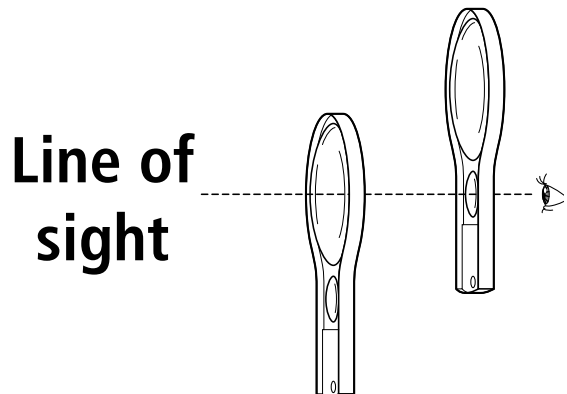
- 1 Look at an object across the room.
- 2 Hold the larger lens of a magnifier right up to your eye.
- 3 Hold a second magnifier about 30 cm in front of you. Look through the smaller lens.



- 4 Slowly move the second, smaller lens closer until you can see the object clearly. Note how large the object appears.

Experiment 2

- 5 Now hold the smaller lens of a magnifier right up to your eye.
- 6 Hold a second magnifier about 30 cm in front of you. Look through the larger lens at the same object.



- 7 Slowly move the second, larger lens closer until you can see the object clearly.
- 8 In which experiment did the object appear larger?
