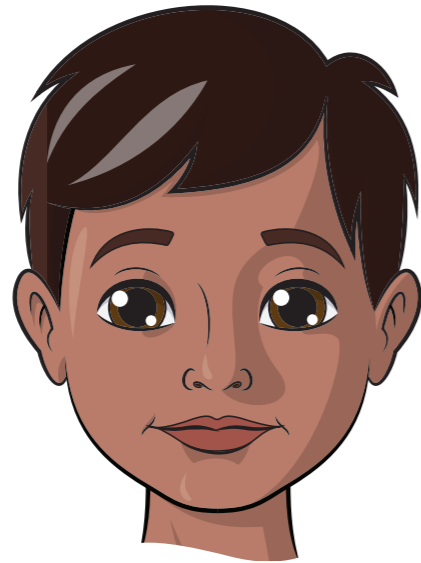


# Light

Name: \_\_\_\_\_

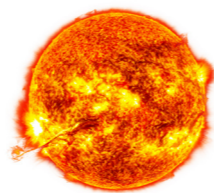
1 Draw an arrow to the organ that allows you to see.



Complete the sentence.

The organ that allows you to see is the \_\_\_\_\_

2 Tick the sources of light.



1 mark



1 mark



2 marks

3 Which statement is correct?

Tick your answer.

All objects emit light.

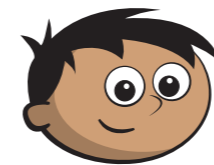
Light travels in straight lines.

Light travels in wiggly lines.



1 mark

4 Complete the ray diagram to show how Amir can see the apple.



2 marks

5 How is a shadow formed?

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1 mark

6 Match the words to the definitions.

reflection

material that allows light to pass through

refraction

material that lets light pass through it but cannot clearly be seen through

opaque material

when light bounces off an object

transparent material

material that does not allow light to pass through

translucent material

bending of light

4 marks

7 Are the statements true or false?

Circle your answers.

We see objects as light reflects from our eyes and hits an object.

true false

We see objects when light reflects from an object and hits our eyes.

true false

2 marks

8 Use the words to complete the description.

lower

midday

evening

longest

higher

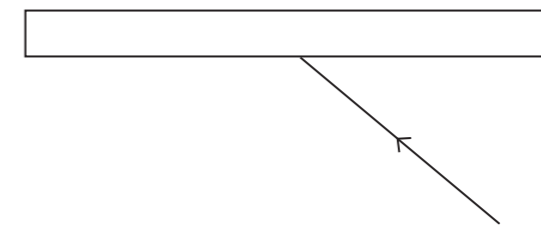
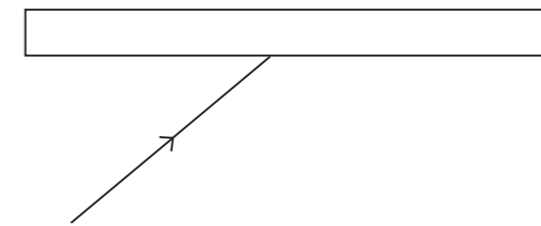
morning

Shadows are \_\_\_\_\_ in the morning or in the \_\_\_\_\_. This is because the Sun is \_\_\_\_\_ in the sky. Shadows are shortest at \_\_\_\_\_ because the Sun is higher in the sky.

4 marks

9 Light reflects from mirrors.

Draw the reflected rays on each of the mirror diagrams.



2 marks