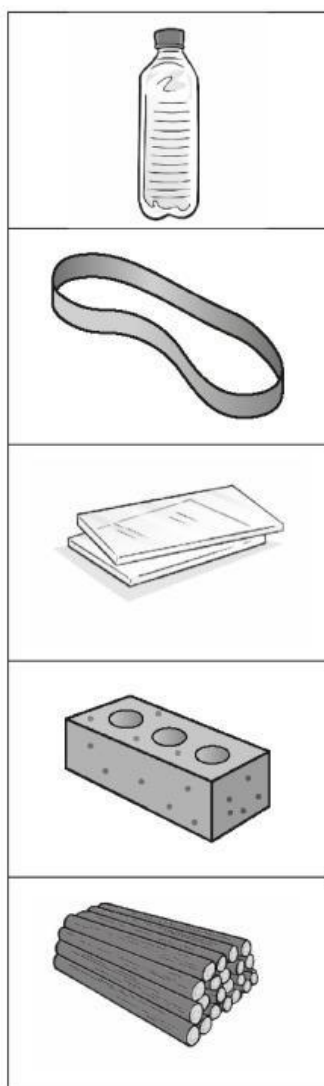


Name \_\_\_\_\_ Date \_\_\_\_\_

## End-of-unit 3 test

*The End-of-unit tests have been written by the authors. These may not fully reflect the approach of Cambridge Assessment International Education.*

1 Will each of these objects cast a dark shadow? Tick (✓) yes or no.



| Yes                      | No                       |
|--------------------------|--------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> |

- 2 a Draw lines to link the shadow to the correct word.

pineapple



carrot



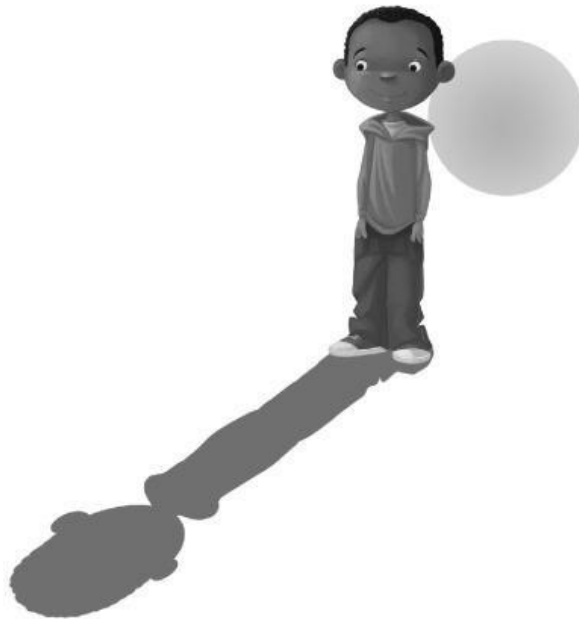
banana



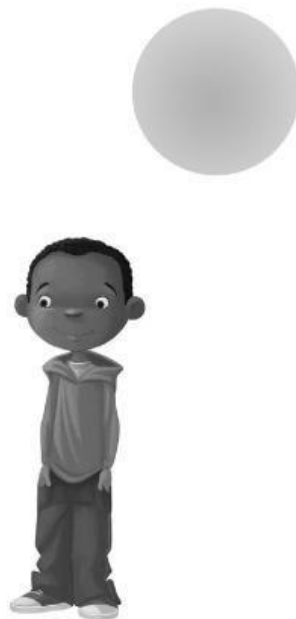
- b Draw the shadows of the ladder, the girl and the house.



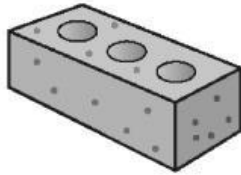
- 3 At 9 o'clock Marcus has a long shadow because the Sun appears low in the sky.



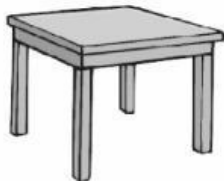
Draw his shadow at 11 o'clock when the Sun is higher.



- 4 Draw a line from each object to the correct word to show whether it is transparent or opaque.



transparent



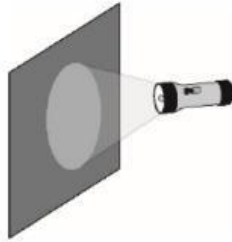
opaque



- 5 Sofia tested three different materials to see if light would pass through them.



material A



material B



material C

Use these words to finish the sentences.

**transparent**

**translucent**

**opaque**

- a Material A let the light through so it is \_\_\_\_\_.
- b Material B blocked the light so it is \_\_\_\_\_.
- c Material C scattered the light so it is \_\_\_\_\_.