



Practice Worksheet

1. Tick (✓) the correct box beside each sentence.

| | True | False |
|------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|
| An opaque object does not allow any light to pass through it. | ✓ | <input type="checkbox"/> |
| You can see through a translucent object clearly because it allows nearly all light to pass through. | <input type="checkbox"/> | ✓ |
| A shadow is always of the same size as the object. | <input type="checkbox"/> | ✓ |
| Shadows are formed when light passes through an object. | <input type="checkbox"/> | ✓ |

2. Complete these sentences. Choose from the following words.

opaque

translucent

transparent

(a) transparent materials allow nearly all light to pass through them.

(b) translucent materials allow some light to pass through them.

(c) opaque materials do not allow any light to pass through them.

3. Three students are discussing how shadows are formed.

Aimee

A shadow is formed when light passes through an object.

Raj

A shadow is formed when light is blocked by an object.

Sam

A shadow is formed when an object does not allow light to pass through.

Circle the name of the student with the wrong explanation.

Aimee

Raj

Sam

4. The diagram below shows the shadow of a ball.



Draw the shadow of the same ball when the light source is placed further away from the ball.



smaller