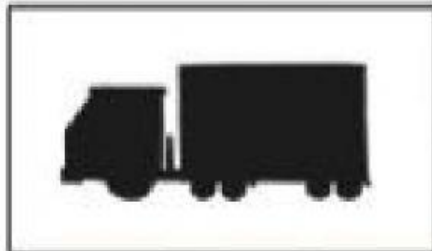
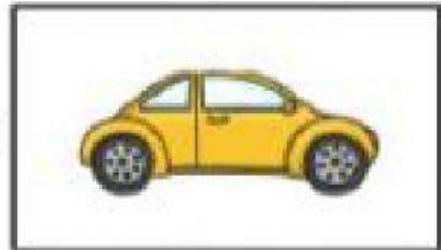


SCIENCE YEAR 2
UNIT 6: LIGHT AND DARK
QUIZ TOPIC : SHADOW





































Transport Shadow Matching

1. Match the shadow with the correct picture on the right



2. Thick (/) the shadow match the picture

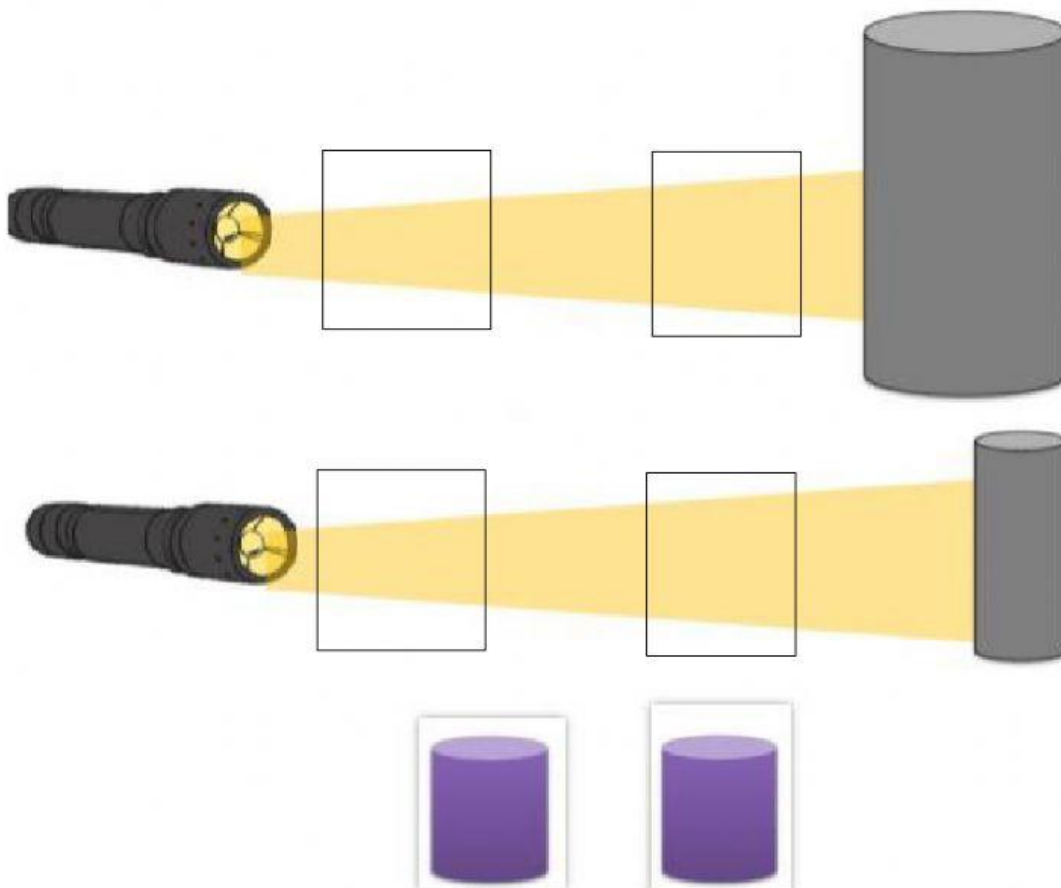


3. Select the correct answer



- a) When the object is placed **near the light** the shadow is
- b) When the object is placed **far away from the light**, the shadow is
- c) Shadow is formed when

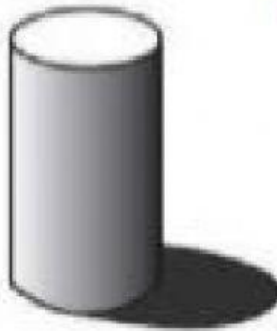
4. Place the objects in the correct place.



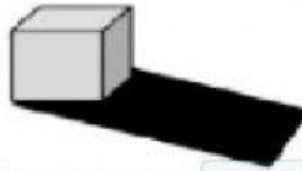
5. Which picture is a shadow ?



6. Select the correct position of the sun .



7. Look at the picture.
To make a shadow, you need ...



a. a light source

b. an object

c. people

8. Which shadow looks like a deer?

a.



b.



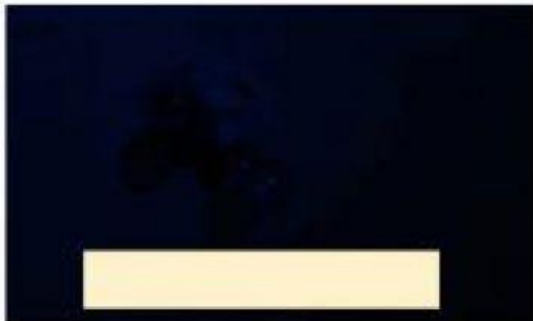
c.



9. Match the word with the condition of each room.



a lot of light



some light



no light

10 .

How shadow is formed?

— answer choices —

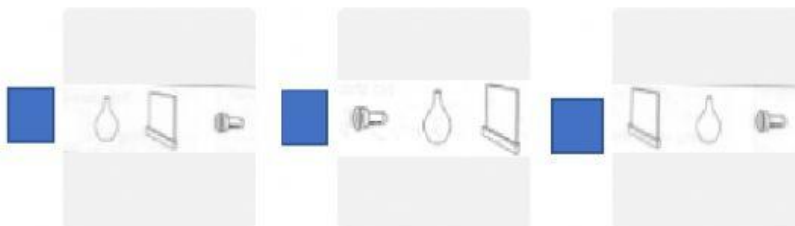
☒ Shadow is formed when light is blocked by an object.

☐ Shadow is formed when light is passing through an object.

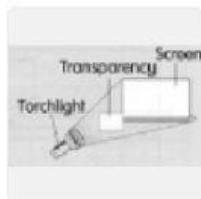
11.

Which of the following can create the shadow of the vase when the torch is switched on?

— answer choices —



12.



Clarity of shadow:

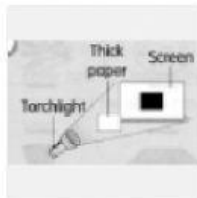
— answer choices —

☒ Clear shadow

☐ Less clear shadow

☐ No shadow

13.



Clarity of shadow:

— answer choices —



Clear shadow

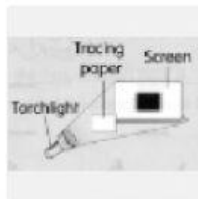


Less clear shadow



No shadow

14.



Clarity of shadow:

— answer choices —



Clear shadow

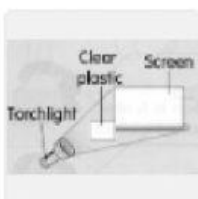


Less clear shadow



No shadow

15.



Clarity of shadow:

— answer choices —



Clear shadow



Less clear shadow



No shadow

16.

The clarity of shadow is influenced by the type of _____ that blocks the light.

— answer choices —



light



objects



position

17. There are two factors that affect the size of shadow. What are the factors? Tick the correct answers.

— answer choices —

- | | |
|---|---|
| <input type="checkbox"/> Size of the screen | <input type="checkbox"/> Distance of object from the screen |
| <input type="checkbox"/> Distance of object from the light source | <input type="checkbox"/> Size of the light source |

18. The nearer the object to the light source,

— answer choices —

- | | |
|--|---|
| <input type="checkbox"/> the bigger the shadow will be | <input type="checkbox"/> the smaller the shadow will be |
| <input type="checkbox"/> the longer the shadow will be | <input type="checkbox"/> the shorter the shadow will be |

19. The further the object from the light source, _____

— answer choices —

- | | |
|--|---|
| <input type="checkbox"/> the bigger the shadow will be | <input type="checkbox"/> the smaller the shadow will be |
| <input type="checkbox"/> the longer the shadow will be | <input type="checkbox"/> the shorter the shadow will be |

20. The nearer the object to the screen, _____

— answer choices —

- | | |
|--|---|
| <input type="checkbox"/> the bigger the shadow will be | <input type="checkbox"/> the smaller the shadow will be |
| <input type="checkbox"/> the longer the shadow will be | <input type="checkbox"/> the shorter the shadow will be |

21. The further the object from the screen, _____

— answer choices —

- | | |
|--|---|
| <input type="checkbox"/> the bigger the shadow will be | <input type="checkbox"/> the smaller the shadow will be |
| <input type="checkbox"/> the longer the shadow will be | <input type="checkbox"/> the shorter the shadow will be |