

Name: ..... Date: .....

## THEME 2 – ENERGY AND FORCES.

Answer the following questions in the spaces provided.

## Unit 5: Light Energy.

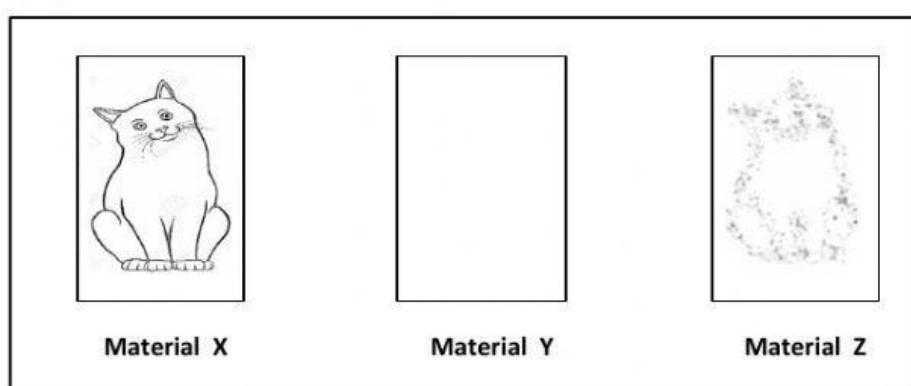
1. Materials that allow **most** light to pass through them are called \_\_\_\_\_.

- A. Opaque
- B. translucent
- C. transparent
- D. transport

2. When light falls on an opaque object, light is blocked and a \_\_\_\_\_ is formed.

- A. light
- B. heat
- C. shadow
- D. magnet

3. Study **Figure 1** below.

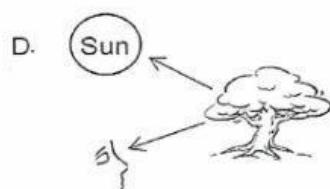
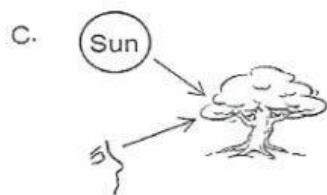
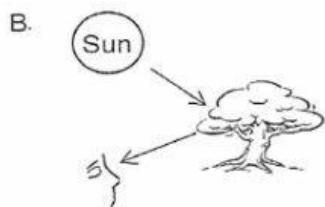
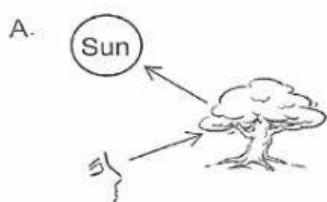


**Figure 1**

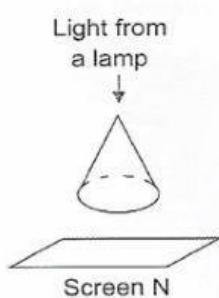
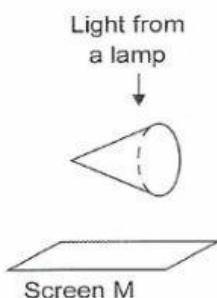
Dania looks at the cat through three different Materials X, Y and Z. She drew what she could see as shown above. Which of the following correctly describes the material?

	<b>Material X</b>	<b>Material Y</b>	<b>Material Z</b>
<b>A</b>	Opaque	Translucent	Transparent
<b>B</b>	Translucent	Transparent	Opaque
<b>C</b>	Transparent	Opaque	Translucent
<b>D</b>	Transparent	Translucent	Opaque

4. Which of the following diagram shows how we can see the tree?



5. Study the diagram shown in **Figure 10** below. The cones were placed in different positions directly under identical light sources in a dark room.



**Figure 10**

Which of the following shadows would be observed for each Screen?

	Screen M	Screen N
A		
B		
C		
D		



Marks: \_\_\_\_\_ / 5

Parents'/ Guardian's signature : \_\_\_\_\_

Parents'/ Guardian's feedbacks:

---

---