

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.

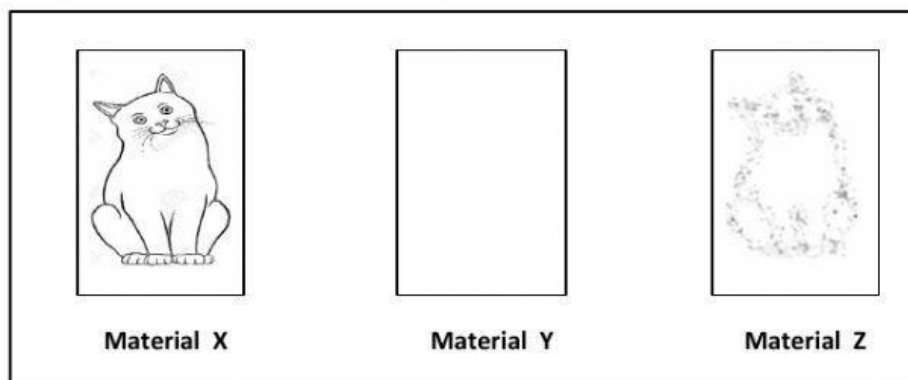
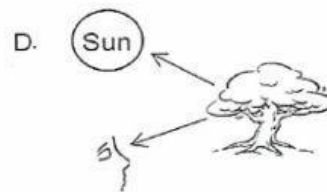
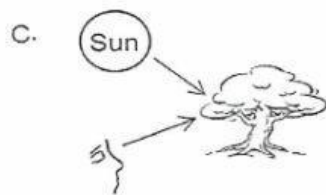
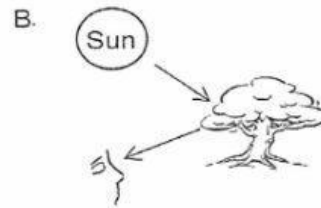
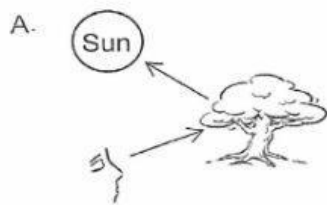


Figure 1

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?

	Material X	Material Y	Material Z
A	Opaque	Translucent	Transparent
B	Translucent	Transparent	Opaque
C	Transparent	Opaque	Translucent
D	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.

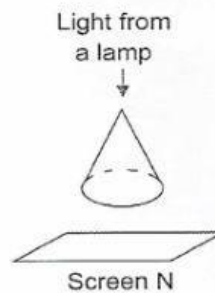
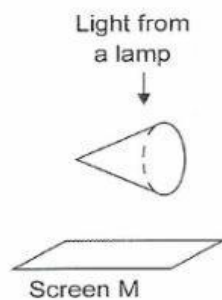


Figure 10

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:
