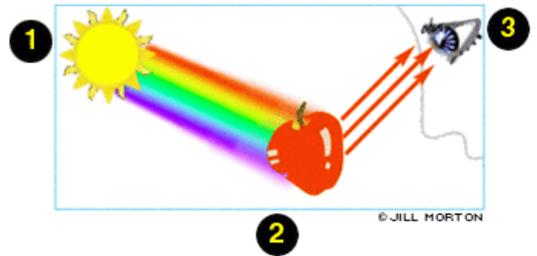


LIGHT QUESTIONS

(LIGHT IS A FORM OF ENERGY!)

DIRECTIONS: Read pages 676-681 in the red textbook. Study figures 1, 2, and 3. Answer the following questions in COMPLETE SENTENCES ON A SEPARATE PIECE OF PAPER.

1. Explain 3 different things that can happen to light when it strikes an object.
2. Explain what a **transparent material** is and how it affects light.
3. Name 3 things that are **transparent**.
4. Explain what a **translucent** material is and how it affects light.
5. Name 3 things that are **translucent**.
6. Explain what an **opaque** material is and how it affects light.
7. Name 3 things that are **opaque**.
8. Explain why **opaque** objects appear the color that they do (why do you see a red apple and green leaves?)
9. Draw and label the red apple with green leaves on page 680 (Figure 2). Show the reflected green and red light off of the leaves and apple. Explain why an apple is an opaque object.

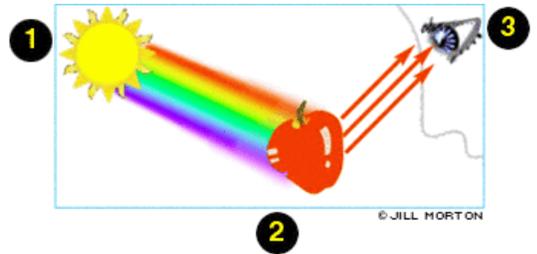


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