

SECTION 9-4

REVIEW AND REINFORCE

Plant Responses and Growth

◆ Understanding Main Ideas

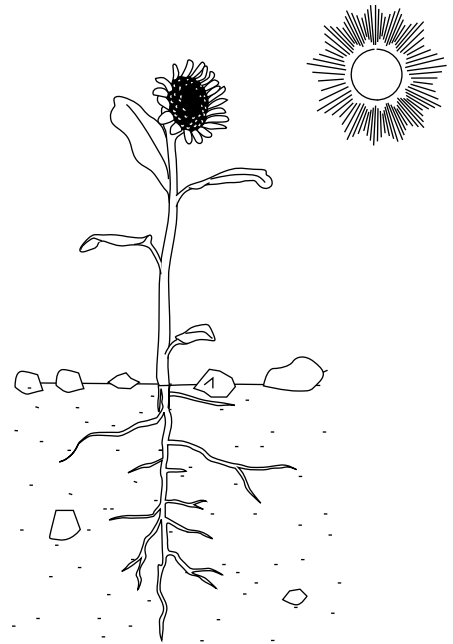
Study the diagram below, then answer the following questions in the spaces provided.

1. The plant in the figure is responding to what two types of stimulus?

2. What is the growth response shown in the figure called?

3. Are the plant's roots showing a positive or negative response?

4. Is the plant's flower showing a positive or negative response?



◆ Building Vocabulary

Match each term with its definition by writing the letter of the correct definition on the line beside the term.

_____ 5. tropism

_____ 6. hormone

_____ 7. auxin

a. controls a plant's response to light

b. a plant's growth response toward or away from a stimulus

c. a chemical that affects how the plant grows and develops