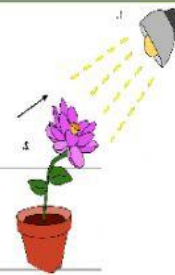




General Science

Plant Growth and Responses

Assessment



Read all of the following questions, then answer them as best you can.

1. **"To grow and be healthy, every organism needs certain things from the environment."**

Which **TWO** things are **NOT** necessary in order for plants to grow?

- A. fertilizer
- B. water
- C. soil
- D. space

2. Which plant has many stems or trunks? _____
3. Which plant has one main woody stem or trunk? _____
4. Which plant has a climbing stem? _____

5. **"Growth in plants happen at different times. Some plants grow all year round."**

Name another time in which plants grow. _____

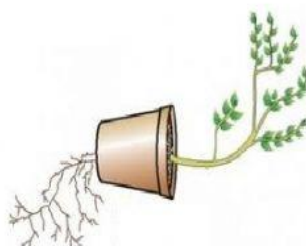
6. **"Plants respond to certain things in the environment, these things are called stimuli."**

List the three stimuli plants respond to.

- A. _____
- B. _____
- C. _____



7. Study the picture below. State which tropism each area of the plant is responding to.



8. Complete the chart below. Define the following terms.

A plant's response that involves growth is called "tropism"	
Tropism	DEFINITION
Hydrotropism	
Phototropism	
gravitropism	