



Name _____ Class _____ Date _____

1 Plants can move in different directions to meet their survival needs. This picture is an example of a plant moving towards a resource it needs.

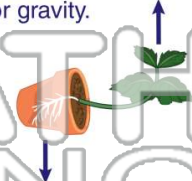
What is that resource?

- A light
- B water
- C nutrients
- D room to grow



2 _____ is the **turning or bending movement** of an organism, or a part, toward or away from an **external stimulus**, such as light, heat, or gravity.

- A Respiration
- B Transpiration
- C Tropism
- D Photosynthesis



3 If a plant is placed near a window on a sunny day, its leaves will slowly turn toward the sunlight to collect energy.

Which of the following is the movement?

4 The growth of a plant in response to **gravity** is called _____.



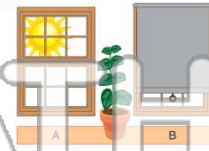
5 **PREVIEW**
Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 **A** chemotropism, a response to chemicals
B phototropism, a response to light
C gravitropism, a response to gravity
D thigmotropism, a response to contact



phototropism. The plant will most likely grow _____.

- A toward window A
- B toward window B
- C straight up
- D very little



9 **Growth hormones** are natural chemicals released inside a plant to help it grow.

True or false?

- A true
- B false



10 How do growth hormones **affect** a plant?

- A by making its life span longer
- B by changing the shape of its flowers
- C by increasing the size of its cells
- D by changing the color of the plant





Name _____ Class _____ Date _____

1 Plants can move in different directions to meet their survival needs. This picture is an example of a plant moving towards a resource it needs.

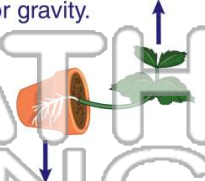
What is that resource?

- A light
- B water
- C nutrients
- D room to grow



2 _____ is the **turning or bending movement** of an organism, or a part, toward or away from an **external stimulus**, such as light, heat, or gravity.

- A Respiration
- B Transpiration
- C Tropism
- D Photosynthesis



3 If a plant is placed near a window on a sunny day, its leaves will slowly turn toward the sunlight to collect energy.

Which of the following is the movement?

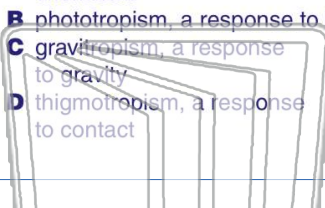
4 The growth of a plant in response to **gravity** is called _____.



PREVIEW

Please [Sign In](#) or [Sign Up](#) to download the printable version of this worksheet

7 A chemotropism, a response to chemicals
B phototropism, a response to light
C gravitropism, a response to gravity
D thigmotropism, a response to contact



8 **phototropism.** The plant will most likely grow _____.

- A toward window A
- B toward window B
- C straight up
- D very little



9 **Growth hormones** are natural chemicals released inside a plant to help it grow.

True or false?

- A true
- B false



10 How do growth hormones affect a plant?

- A by making its life span longer
- B by changing the shape of its flowers
- C by increasing the size of its cells
- D by changing the color of the plant

