

# The World of Plants Introduction

/32

Name \_\_\_\_\_

- 1) How are plants helpful to humans?
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_
  - 4) \_\_\_\_\_
  - 5) \_\_\_\_\_
- 2) What 3 basic characteristics do plants have?
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_
- 3) Where does the energy for photosynthesis come from? \_\_\_\_\_
- 4) What 2 compounds are used to make glucose during photosynthesis?
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
- 5) What is released into the air as a waste product of photosynthesis? \_\_\_\_\_
- 6) How many species of plants are there? \_\_\_\_\_
- 7) How many divisions of plants are there? \_\_\_\_\_
- 8) What 5 divisions of plants make spores?
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_
  - 4) \_\_\_\_\_
  - 5) \_\_\_\_\_
- 9) What are the 2 basic groups of seed plants AND examples of each?
  - 1) \_\_\_\_\_ Example) \_\_\_\_\_
  - 2) \_\_\_\_\_ Example) \_\_\_\_\_
- 10) What percentage of the plant kingdom makes flowers? \_\_\_\_\_
- 11) What is the complete reproduction organs of a flower called?  
Female= \_\_\_\_\_  
Male= \_\_\_\_\_
- 12) How does the pollen get to the stigma? \_\_\_\_\_
- 13) What part of a seed does the triploid nuclei become? \_\_\_\_\_
- 14) What is the thickened ovary called? \_\_\_\_\_
- 15) What 3 things stimulate a seed to germinate (begin to grow)?
  - 1) \_\_\_\_\_
  - 2) \_\_\_\_\_
  - 3) \_\_\_\_\_