

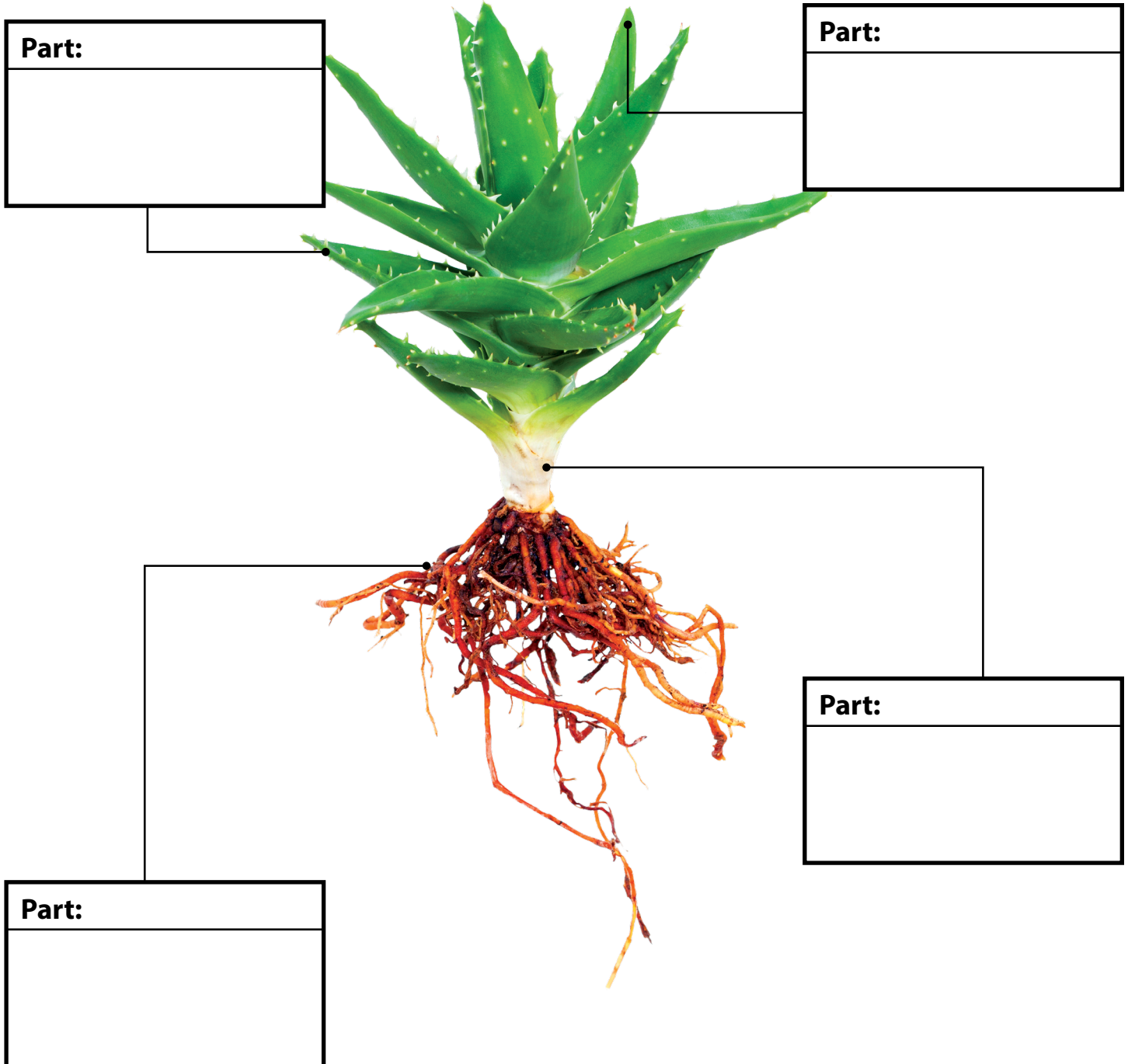
## What Is a Succulent?

Follow the instructions to complete the activity.

NAME

DATE

Using the space provided, label each part of the succulent below. Then, write a short sentence or two describing each part. Check your answers on page 5 of the book.



## Succulent Life Cycle

Follow the instructions to complete the activity.

NAME

DATE

Using the boxes below, write a short sentence or two describing each stage of a succulent's life cycle. Check your answers on pages 8 and 9 of the book.



**Seeds**



**Roots**



**Stem**



**Flowers**



**Fruit**



## Fill in the Blanks

Follow the instructions to complete the activity.

NAME

DATE

Use the information found in *Succulents* to help you complete the following activity.

1. Succulents are found on every continent except .
2. Some cacti can go without  for up to two years.
3. Without enough light, succulents can become  and weak.
4. Most succulents only grow outside in places where the ground never .
5. Succulents take in harmful indoor  and change them to make food for the plant.
6. Large succulents make good  plants because they are outside, where they have plenty of room to grow.



## True or False

Follow the instructions to complete the activity.

NAME

DATE

Using the information found in *Succulents*, verify whether the following statements are true or false. List the page number where you found the information beside your answer.

**Statement 1**

Cacti are one of the largest succulent families.

☐ True

☐ False

Page  
Number

**Statement 2**

Planting trays should be no more than 4 inches (10 centimeters) deep.

☐ True

☐ False

Page  
Number

**Statement 3**

Baobab trees are the world's largest succulents.

☐ True

☐ False

Page  
Number

**Statement 4**

Fall is the best time to plant succulents.

☐ True

☐ False

Page  
Number

**Statement 5**

Most succulents grow best in the shade.

☐ True

☐ False

Page  
Number



## The Planting Process

Follow the instructions to complete the activity.

NAME

DATE

Using information from *Succulents*, show how to plant a succulent by putting the steps below in the correct order. In the box beside each description, write the number that corresponds to the appropriate step. Check your answers with page 19 of the book.



1



3



5



2



4

Carefully spread the seeds on top of the soil, using your toothpick to separate them. Do not cover the seeds with soil.

Dampen the surface of the soil with water so the seeds will stick to it.

Cover the tray with your plastic wrap and poke a few holes in it with the toothpick.

Place the tray somewhere bright, out of direct sunlight. Keep the soil moist, but not wet.

Fill your planting tray with soil. You can use soil that has been prepared just for succulents, or mix regular soil with sand.



## Succulents Quiz

Test your knowledge of succulents by answering these quiz questions.

NAME

DATE

1

Why do succulents need soil with good drainage?

2

How do succulents begin life?

3

What kind of succulent gardens are a good choice for planting outdoors?

4

For how long can the old man cactus live?

5

In which botanical garden can you see bunny ears cacti?

6

What do succulents release into the air that can help people sleep better?

7

Why should you cover your planting trays with plastic wrap?

8

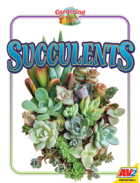
Where do cacti store water?

9

What can gel from the leaves of aloe vera plants treat?

10

When do most succulents need water?



## Key Words Match-Up

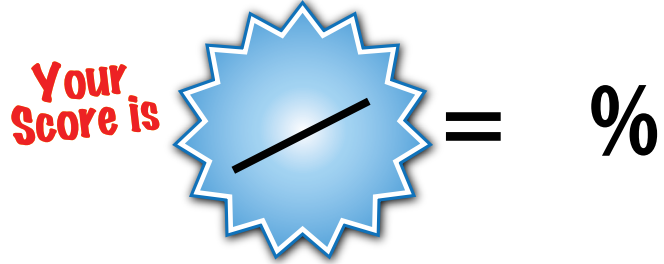
Write the words from the list below in the box above the correct definition for each word.

NAME

DATE

### KEY WORDS

|                   |                |
|-------------------|----------------|
| botanical gardens | leggy          |
| circulation       | photosynthesis |
| drainage          | pollinate      |
| fertilizer        | pollutants     |
| germinate         | tissues        |



- having a long, thin stem and small leaves
- a group of cells in a plant or animal that are similar in form and function
- the process by which plants use sunlight to make food
- a mixture that adds nutrients to the soil
- the removal of water from soil
- substances that make the air or water impure or unsafe
- begin to grow and put out shoots
- places where plant research takes place
- to carry plant dust from one plant to another so seeds can be made
- the act of moving or flowing through a particular course

