1st Basic

2nd Advanced

Helping With Math

USA
GRADES

Properties of Subtraction

Suitable for students
aged 5-7

This pack is suitable for learners aged *5-7* years old or *1st and 2nd* graders (USA). The content covers fact files and relevant basic and advanced activities involving Properties of Subtraction.

Have you ever wondered where some of our food came from?

It came from **PLANTS**! We human beings use different type of plants to create delicious food items in our menu. Plants are being studied by a botanist in the field of **BOTANY**. Do you want to be a **Botanist**? Come and let's explore the beauty of plants!

How many vegetable salad bowls left if we ate 3 of them?

7 − **3** = _____

PROPERTIES OF SUBTRACTION

PROPERTY 1: ZERO PROPERTY

0 is always taken as the subtrahend.

$5 - 0 = 5$ ⟫ When we subtract **0** from **5**, we get the difference **5.**

Thus, when we subtract 0 from a number, the difference will be the number itself.

PROPERTY 2: SUBTRACTION OF A NUMBER FROM ITSELF

If we subtract a number from itself, the difference is always **0**.

If we subtract **3** from **3** the difference is **0**. ⟪

$3 - 3 = 0$

$6 - 6 = 0$

PROPERTY 3: ORDER PROPERTY

In subtraction, the order in which the numbers are subtracted are important

$9 - 7 = 2$

$7 - 9 = ?$ ⟫ If the subtrahend is greater than the minuend, the answer is less than **0**.

Therefore, you can't change the order of the numbers. The bigger number should always be written first.

PROPERTIES OF SUBTRACTION

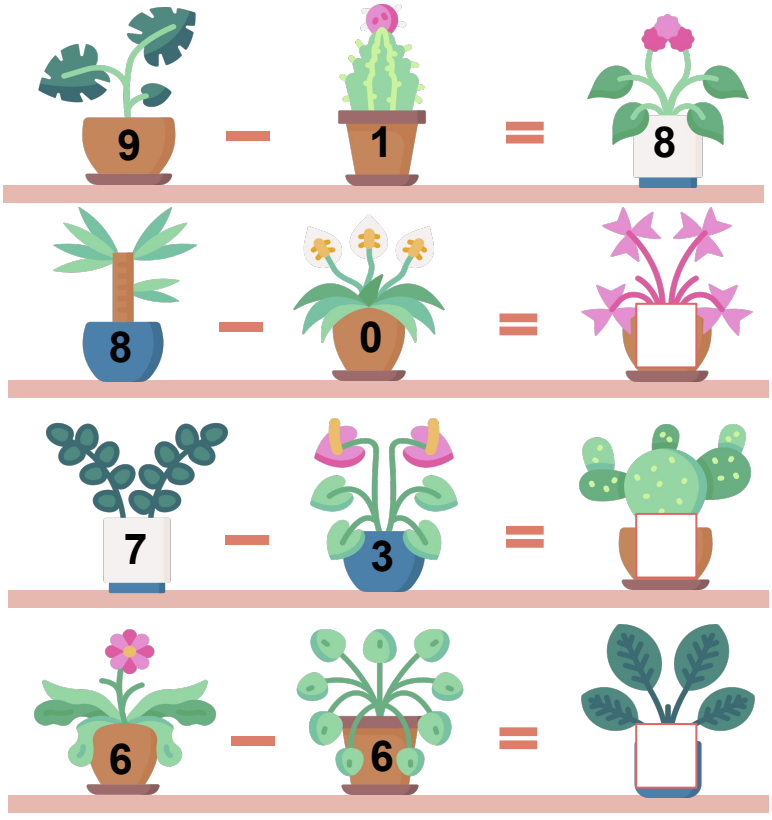
PROPERTY 4: SUBTRACTION OF 1

When we subtract 1 from any number, we get the predecessor of the number.

$4 - 1 = 3$ $\qquad$ $8 - 1 = 7$

Remember: When we say predecessor in Mathematics, it is the number before the particular given number.

Now, let's try to solve some problems in the vertical garden!



House Plants are plants that grows indoor. Constantly seeing and being around plants like in your home, makes people more calm, relaxed and can lighten up your mood. That is why some of our mother like to put plants in the some part of our house.

Did you know that…

A green plant helped make the oxygen you are breathing today.

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2	Chlorophyll	
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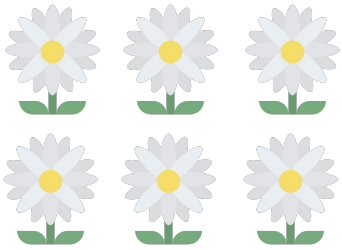
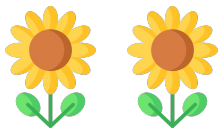
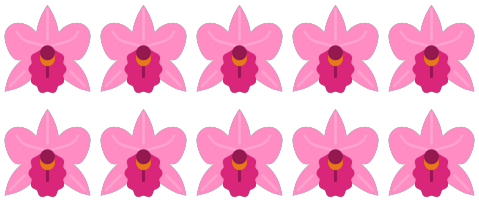
YELLOW POLLEN

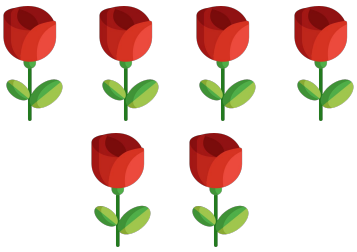
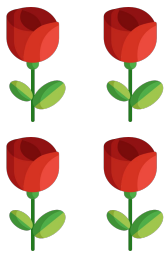
G1 Basic

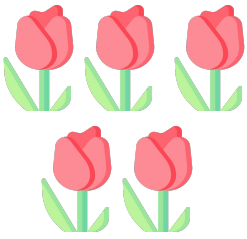
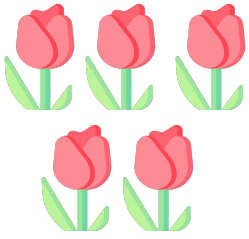
Flowers attract insects and other animals because of their color and scent. Let's help the insect get the pollen by answering the items below. Color the circles based on your answer.

1.  − = ○○○○○ ○○○○○

2. −  = ○○○○○ ○○○○○

3.  − 0 = ○○○○○ ○○○○○

4.  −  = ○○○○○ ○○○○○

5.  −  = ○○○○○ ○○○○○

CHLOROPHYLL

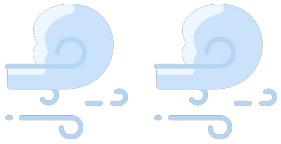
G1
Basic

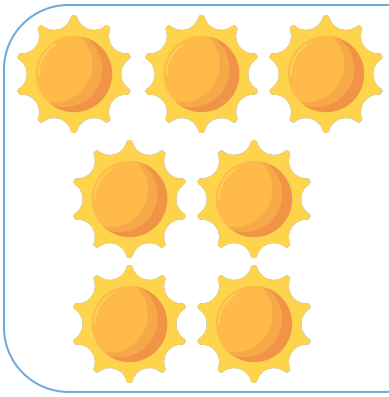
Green leaves get their green pigment called chlorophyll and it allows plant to make their own food. Solve the problems below and write your answer in the blue line. Color the leaves green after.

PLANT RECIPE

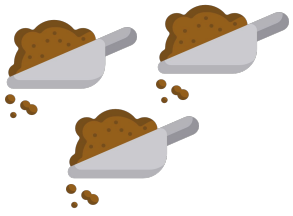
G1 Basic

Plants need exact amount of sunlight, water, carbon dioxide, and minerals from the soil to grow. Let's try to solve for the exact amount of components that we need for our plants to grow!

5 −  = ☐ **Carbon Dioxide**

 − 1 = ☐ **Hours of direct sunlight**

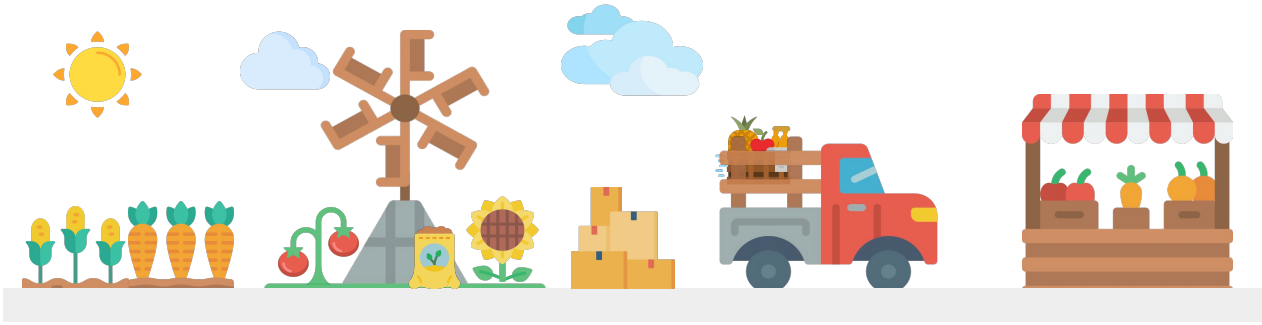
− 0 = ☐ **Drops of water for moisture**

6 −  = ☐ **Cups of soil for space**

VEGETABLE PORTION

G1
Basic

Vegetable is an edible portion of plants. It grows quickly and they can be immediately eaten after harvesting. Let us see if you are already familiar with the properties of subtraction by completing the farm equation below.



1.) Faye have 8 pepper seedlings and she gave five seedlings to her brother. How many seedlings can Faye give to others?

☐ − ☐ = ☐

2.) There are five carrots left in the store and Rico bought all of them. How many carrots are left in the store?

☐ − ☐ = ☐

3.) There are 3 students inside the school bus. However, there must be a total of 10 students to get in the bus. How many students are we waiting before the bus go?

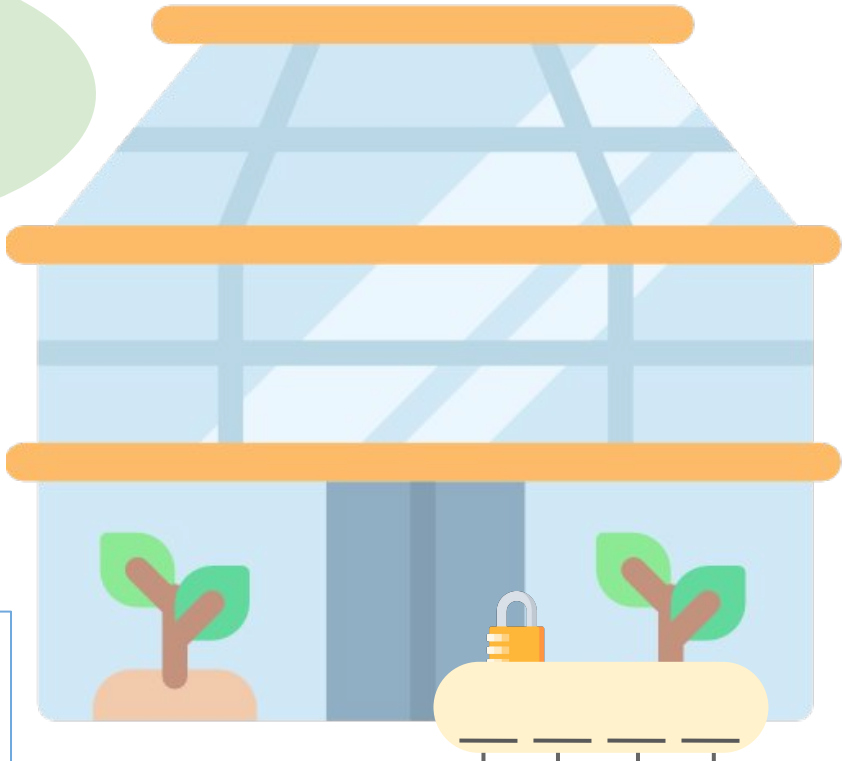
☐ − ☐ = ☐

NURSERY LOCK

G1
Basic

A nursery is where plants are being nurtured for transplanting, reproduction of seedlings. Let's help Carlo solve the problems to get the combination of the number lock, so he can get in the nursery and plant some seeds!

Hello! I wish I also know the properties to apply in every equation.



Can you tell me what are the you properties used to solve the problems?

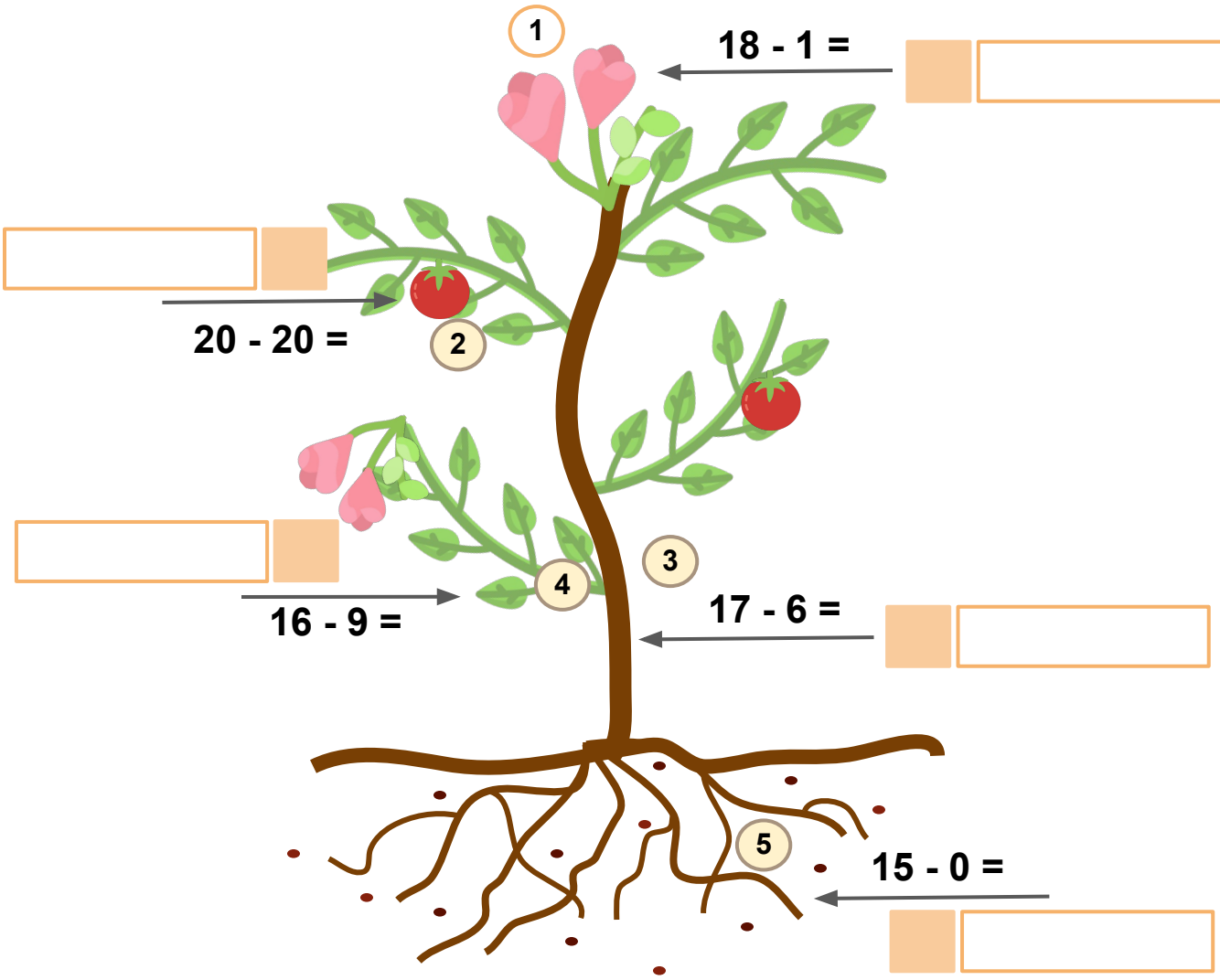
1. _____
2. _____
3. _____
4. _____

1. 3 - 2 =
2. 7 - 7 =
3. 9 - 4 =
4. 5 - 1 =

PARTS OF A PLANT

G2 Advanced

Same as human beings, plants have different body parts too! It's your time to distinguish these body parts by solving the equations below. Find your answers at the bottom of this page.



17	Flower	11	Stem	0	Fruit
15	Roots	7	Leaf		

WHAT PLANTS CAN BE?

G2 Advanced

Plants can also be used and be reproduced into different ways. Cut and paste the picture of your answer to the problem in the space below the equation, to know the byproducts of plants.

PLANTS

11 - 9 =

13 - 1 =

20 - 7 =

19 - 19 =

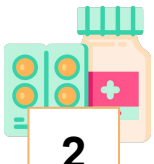
17 - 0 =

17

9

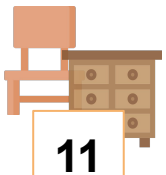
0

12



2

13

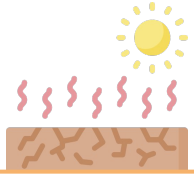
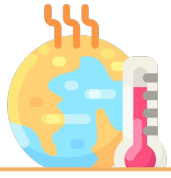


11

IMPORTANCE OF A TREE

G2 Advanced

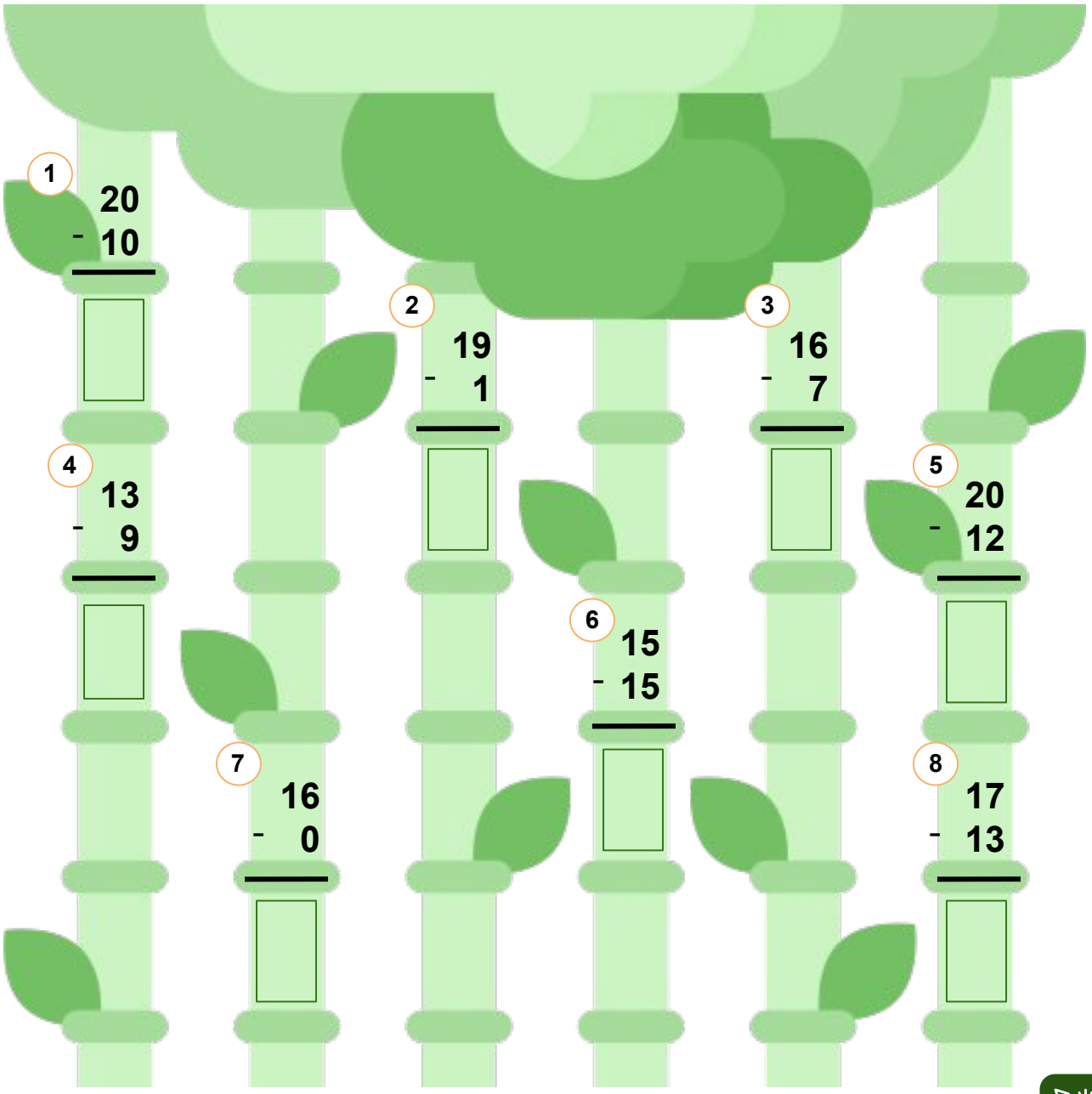
Trees not only supply oxygen to humans, but they also reduce the effects of flooding. To know more about the effects of not planting and cutting trees, let's answer the following equations in Column A and connect them to your answers in the Column B.

COLUMN A		COLUMN B	
1	20 - 6 =	12	Flood
2	11 - 1 =	3	Air Pollution
3	12 - 0 =	11	 Drought
4	15 - 4 =	10	Landslide
5	16 - 13 =	14	 Climate Change

BAMBOO SHOOTS

G2 Advanced

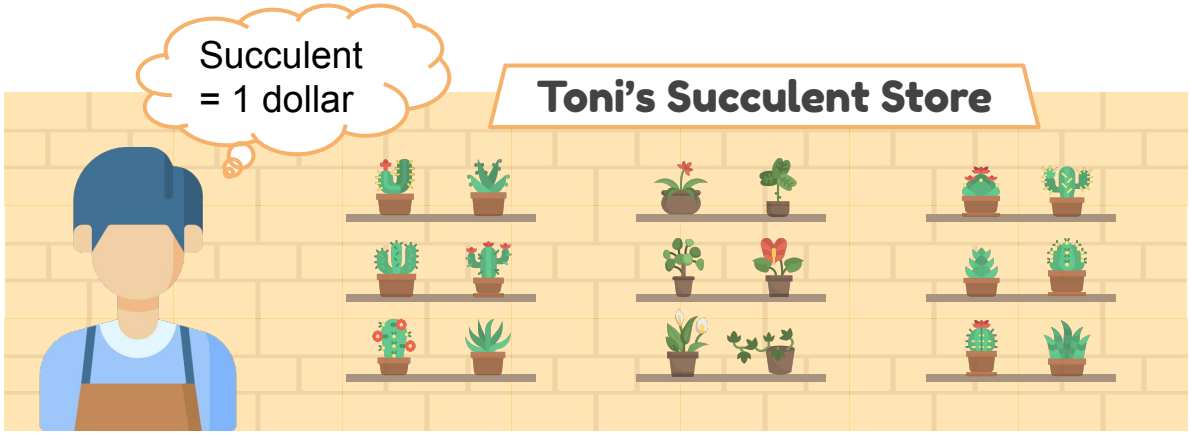
Bamboo plant is the fastest growing plant in the world. Now let's try if you are fast enough in answering the problems in the bamboo shoots! Time yourself. READY, GET SET, GO!



SUCCULENT STORE

G2
Advanced

Succulent is a type of plant that thrives in hot and dry climates. It's Toni's first time to sell plants. Let's answer the following problems to help him manage his succulent store!



1.) If there are 12 cactus available in the store and a customer bought 7 cactus, what is the total of remaining cactus?

Subtraction Sentence:

Solution and answer:

2.) Toni has 17 dollars from his store. A customer asks for a refund for his 1 potted plant. How much money is left if he gave a 1 dollar refund?

Subtraction Sentence:

Solution and answer:

ANSWER GUIDE

Activity 1

1. 5
2. 1
3. 10
4. 2
5. 0

Activity 2

1. 4
2. 1
3. 3
4. 7

Activity 3

1. 3
2. 6
3. 9
4. 3

Activity 4

1. 8 - 5 = 3
2. 5 - 5 = 0
3. 10 - 3 = 7

Activity 5

1 0 5 4

Activity 6

1. 17 - Flower
2. 0 - Fruit
3. 11 - Stem
4. 7 - Leaf
5. 15 - Root

Activity 7

1. 2
2. 13
3. 17
4. 0
5. 12

Activity 8

1. 14
2. 10
3. 12
4. 11
5. 3

Activity 9

1. 10
2. 18
3. 9
4. 4
5. 8
6. 0
7. 16
8. 3

Activity 10

1. 5 cacti
2. 18 dollars

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