



Kinder
Basic

1st
Advanced

Helping With Math

USA
GRADES

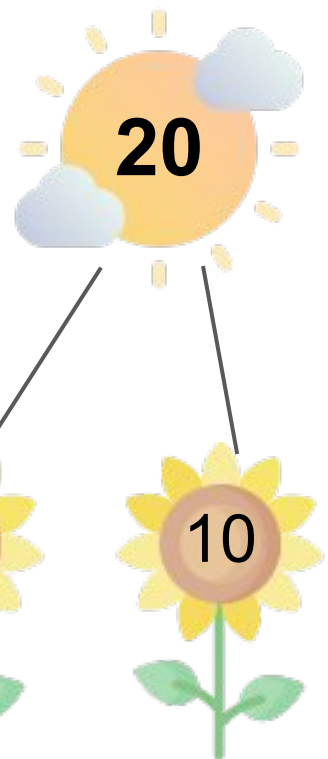
Number Bonds to 20

*Suitable for students
aged 4-6*

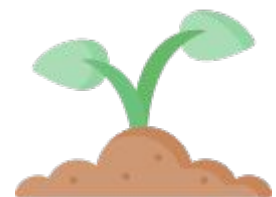


This pack is suitable for learners aged 4-6 years old or Kinder to 1st graders (USA). The content covers fact files and relevant basic and advanced activities involving number bonds to 20.

The sun rays are being spread on to the flowers for them to grow. Likewise, to get the number 20, you need number bonds to spread out to grow your desired number.

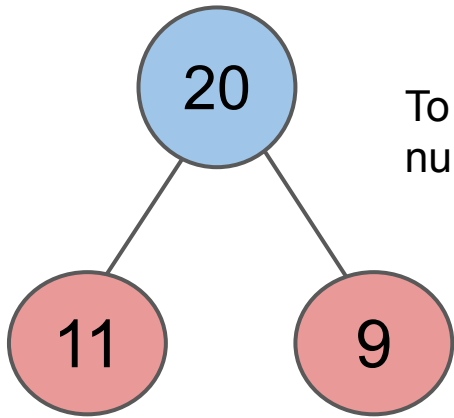
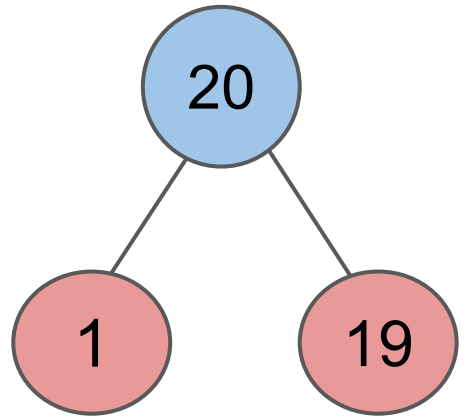


$$15 \text{ blue} + 5 \text{ red} = 20$$

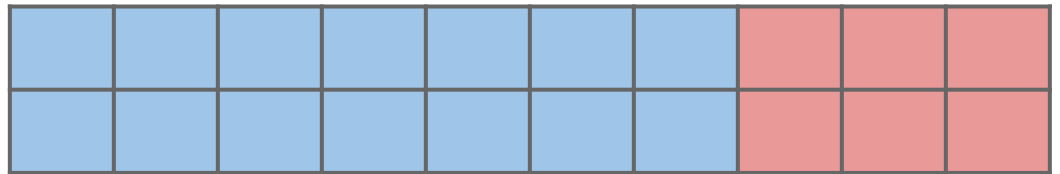


CONCEPTS

Number bonds to 20 are number pairs shown pictorially that will result to 20.



To get number **20**, you need to find a pair of numbers between 0 up to 20 to sum up 20.



$$14 \text{ blue} + 6 \text{ red} = 20$$

Here are other numbers bonds using cuisenaire rods.

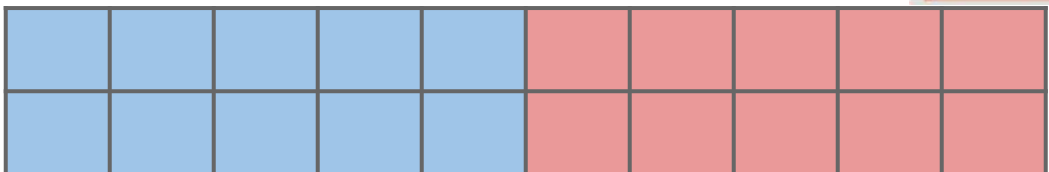
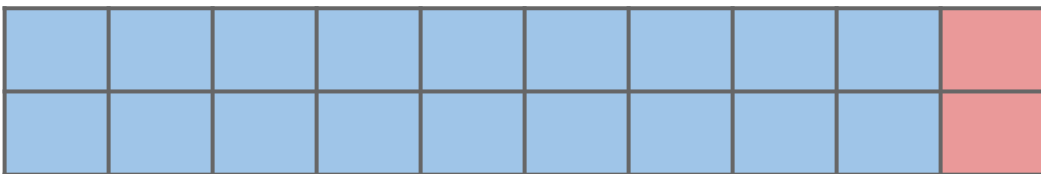


TABLE OF ACTIVITIES

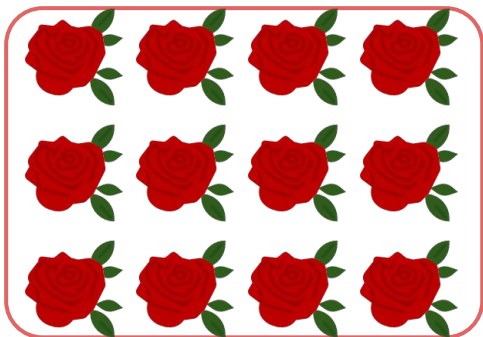
Age 4-5 (Basic)		<u>Kinder</u>
1	Floral Fantasy	
2	Garden Wonders	
3	Summer Grow	
4	Red Bear Fruits	
5	A Pair of Blossoms	
Age 5-6 (Advanced)		<u>1st Grade</u>
6	Growing Greenery	
7	The Floral Journey	
8	Garden Essentials	
9	Colour Burst	
10	Gardener's Dilemma	



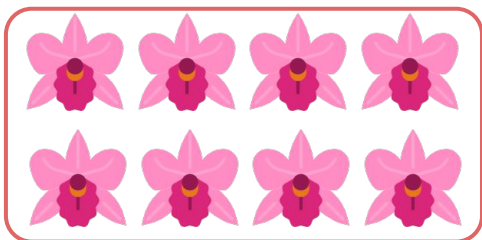
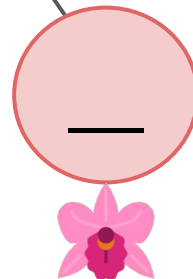
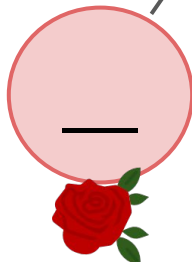
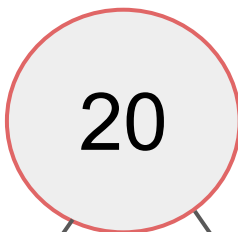
FLORAL FANTASY

K
Basic

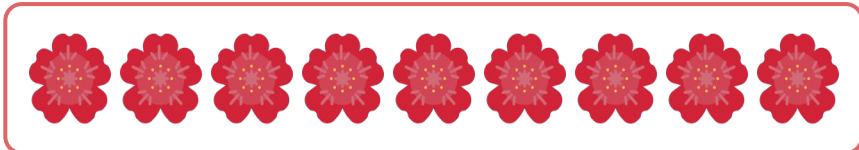
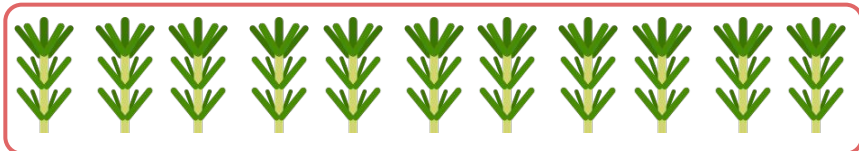
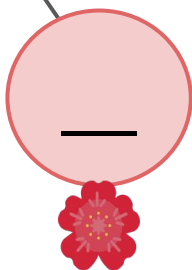
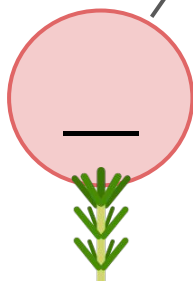
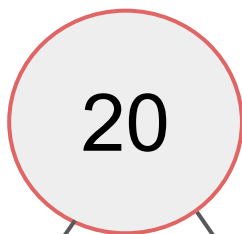
All the flowers are so fresh and beautiful! To remain its freshness, count and write the correct number bonds based on the flower icons.



1.



2.



GARDEN WONDERS

K
Basic

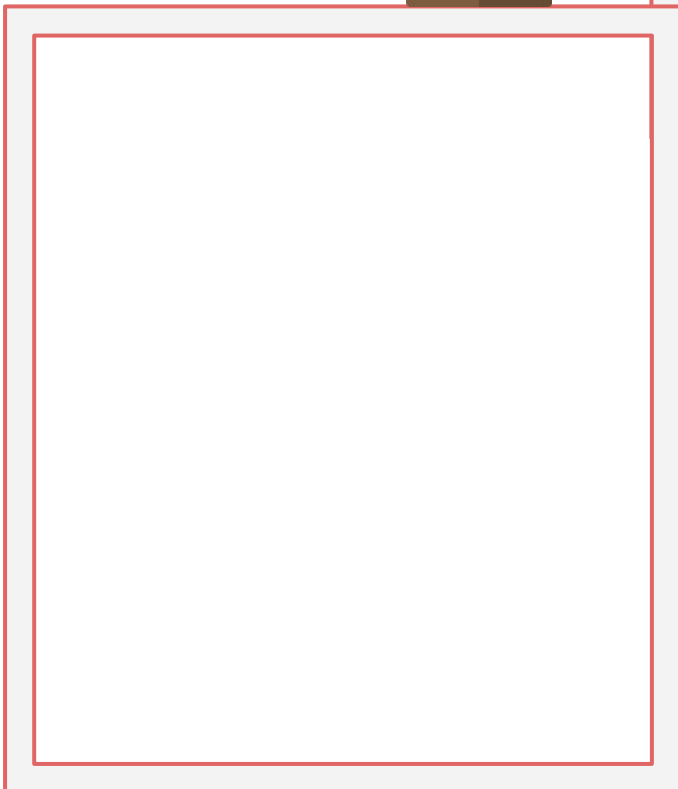
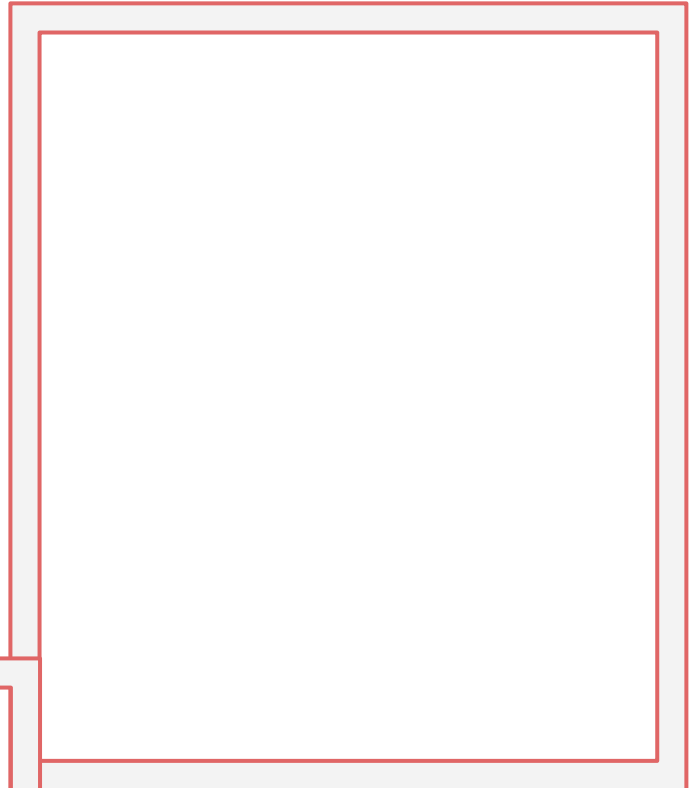
Decorate the HWM garden by drawing the icons based on the given number bonds.

1.

20

10

10



2.

20

13

7



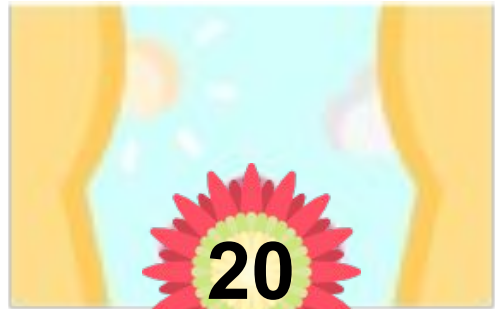
SUMMER GROW

K
Basic

Express growth this summer by supplying the missing value of the number bonds.



1.



2.



3.

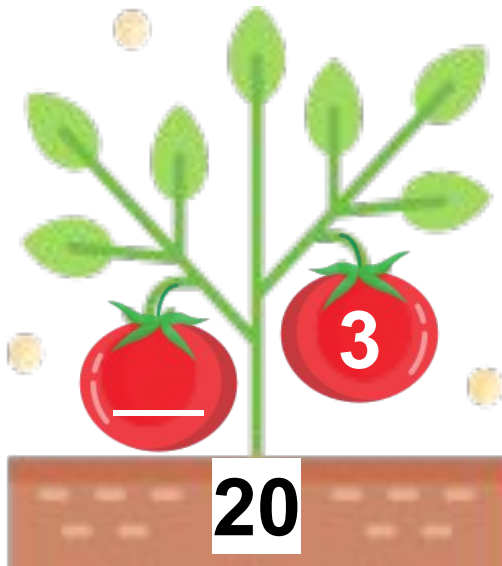


RED BEAR FRUITS

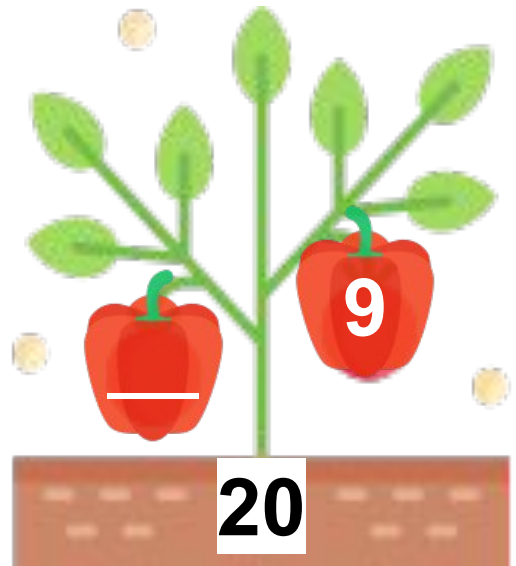
K
Basic

These plants in HWM garden needs your help to complete the number bonds to 20.

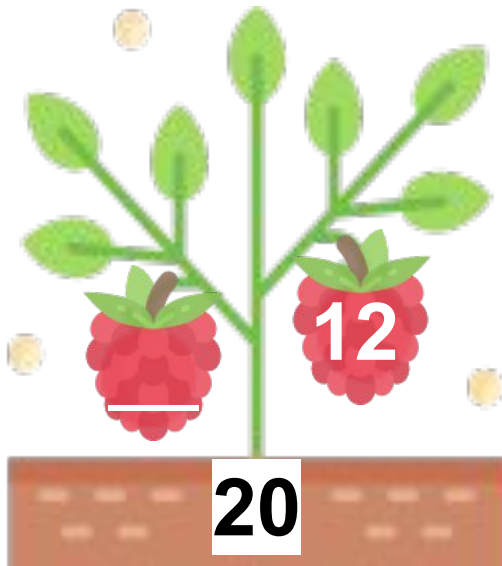
1.



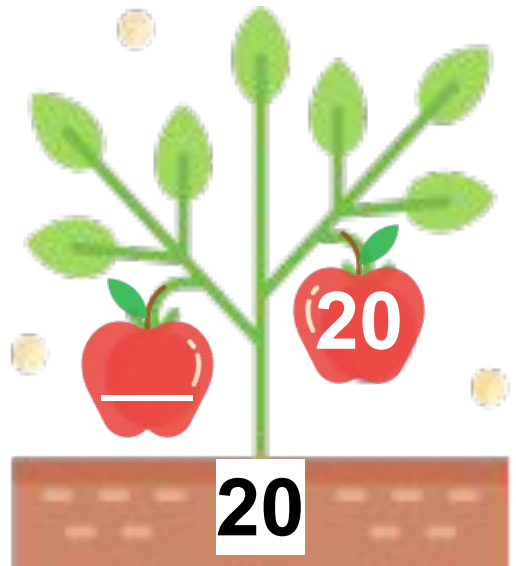
2.



3.



4.



A PAIR OF BLOSSOMS

K
Basic

Cut the flowers; paste in each soil with the correct pair of number to result 20.

1.



2.



3.



4.



GROWING GREENERY

G1
Advanced

Using the indicated shade, color the blocks based on the given number bond.

1. I want you to color the 11 blocks brown and 9 blocks green.



2. I want you to color the 4 blocks red and 16 blocks yellow.



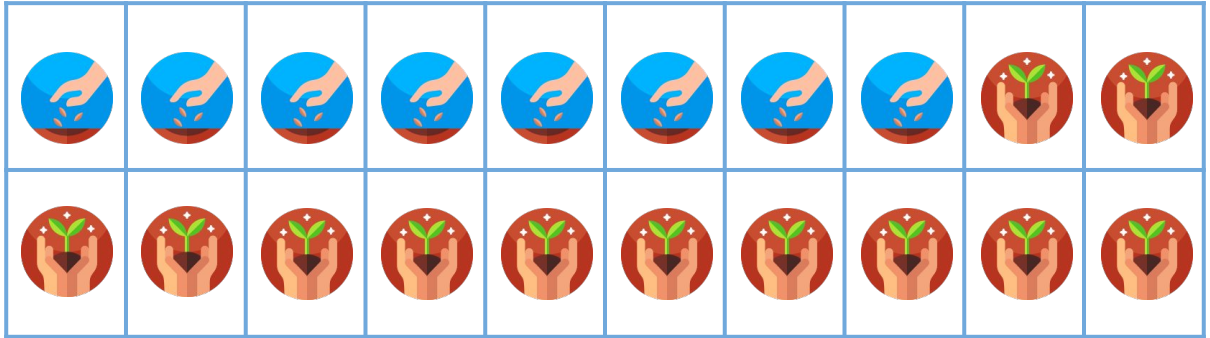
3. I want you to color the 10 blocks blue and 10 blocks pink.





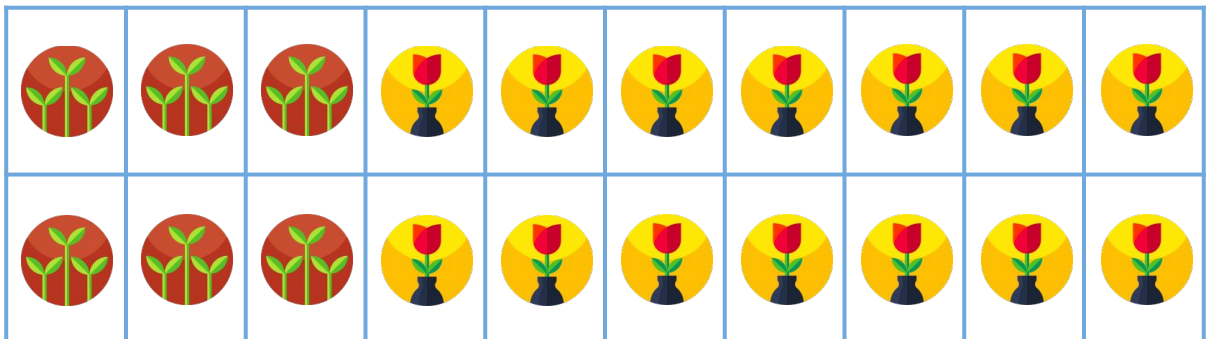
THE FLORAL JOURNEY

G1
Advanced

Witness the journey of how the rose grows by counting and writing the number of icons to form the number bond of 20.



1.  _____ +  _____ = 20



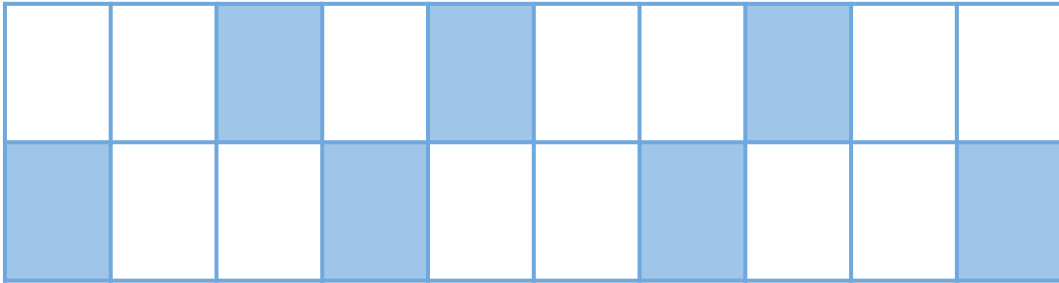
2. _____ + _____ = 20



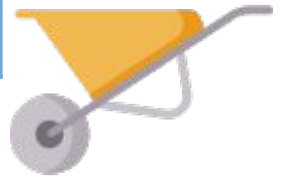
GREEN ESSENTIALS

G1
Advanced

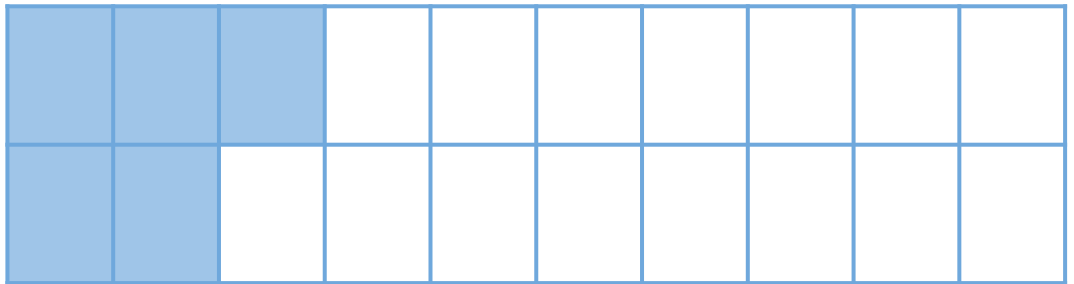
Own these green essentials by selecting the letter of the choices below that will represent each number bonds to 20.



1.



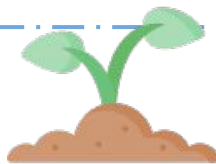
2.



3.



- a. $5 + 15$ b. $15 + 5$ c. $3 + 17$ d. $7 + 13$



COLOUR BURST

G1
Advanced

All the flowers grow in their respective blocks. Likewise, to grow your knowledge, draw the cuisenaire rods to illustrate the common number bonds. Afterwards, color the blocks with the shade of your choice to better illustrate the bonds of 20.

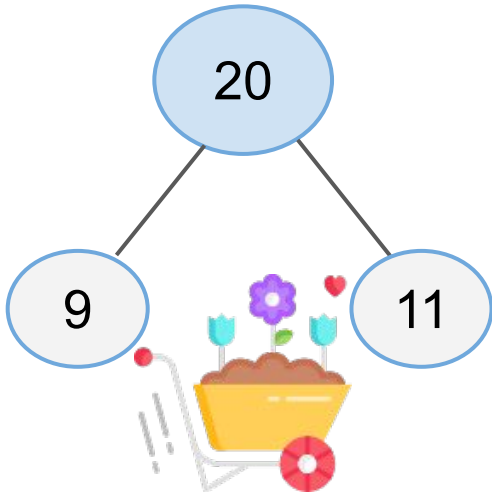


Illustration:

Illustration:

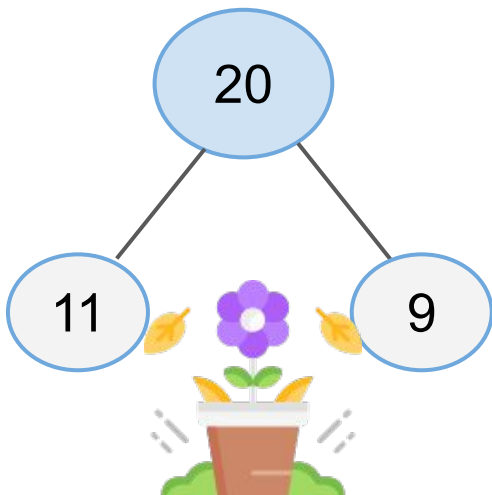
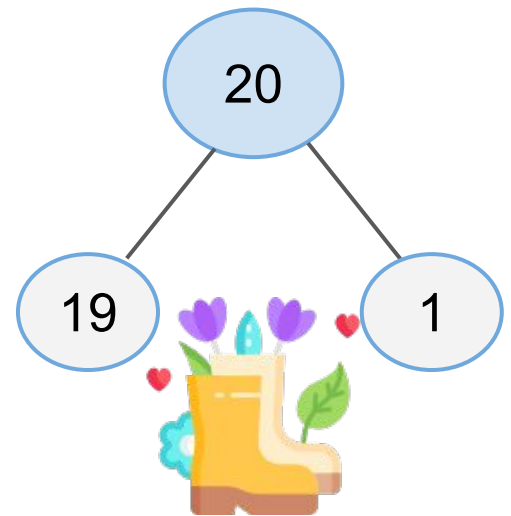


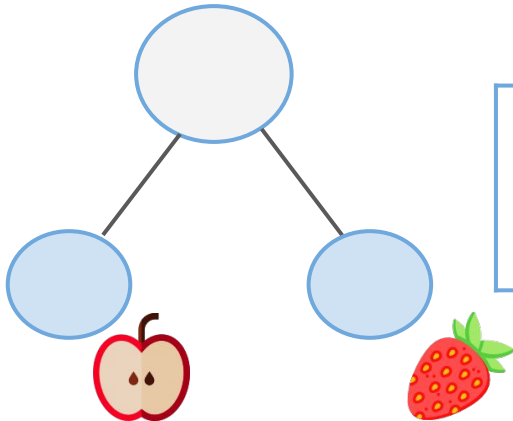
Illustration:



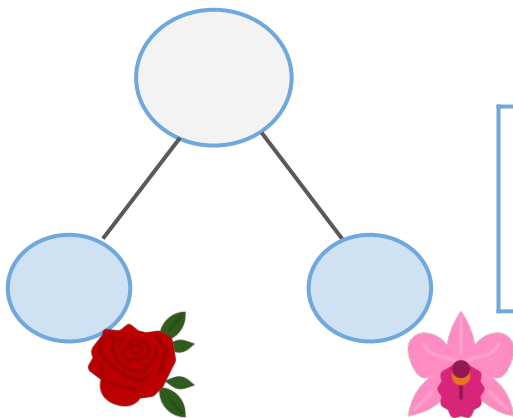
GARDENER'S DILEMMA

G1
Advanced

Divide the rectangle according to the number bond stated in the word problem and color it. Also, fill up the normal number bond on the right based on the given.



1.) The planting season is now happening! Dad and I are planning to plant seventeen apple seeds and three strawberry seeds.



2.) Marcus opened a new plant shop. In a span of 2 days, he sold fifteen roses and five orchids.



ANSWER GUIDE

Activity 1

1. 12, 8
2. 11, 9

Activity 2

Answers may vary since it is illustration.

Activity 3

1. 14
2. 16
3. 18

Activity 4

1. 17
2. 11
3. 8
4. 0

Activity 5

Pairs: 10,10; 14,6; 16,4;19,1

Activity 6

1. 11 brown, 9 green
2. 4 red, 16 yellow
3. 10 blue, 10 pink

Activity 7

1. $8 + 12$
2. $6 + 14$

Activity 8

1. D
2. A
3. B

Activity 9

Answers may vary since it is illustration.

Activity 10

1. $17 + 3 = 20$
2. $15 + 5 = 20$



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