Lesson 14

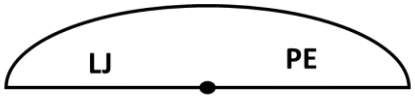
Removing parenthesis.

1 **In your notebook,** solve the equations and write you solutions similarly to the example. Copy your answers here. Make drawings if needed.

x - 35 = 478	579 – **y** = 56	**z** – 69 = 796
X =	y =	z =

2 Write expressions corresponding to the word problems:

Little Joe baked 7 oatmeal cookies for brothers' lunch. Pop Eye baked 4 cookies. How many cookies did two brothers bake together?



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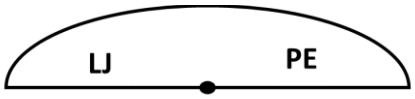
Little Joe baked ***a*** oatmeal cookies for brothers' lunch. Pop Eye baked ***w*** cookies. How many cookies did two brothers bake together?



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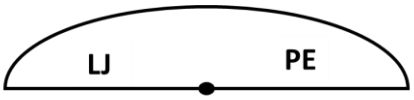
Little Joe baked 7 oatmeal cookies for brothers' lunch. Pop Eye baked 4 cookies. How many more cookies did LJ bake than PE?



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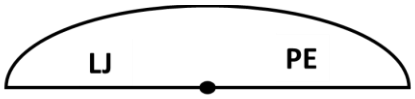
Little Joe baked ***n*** oatmeal cookies for brothers' lunch. Pop Eye baked ***m*** cookies. How many more cookies did LJ bake than PE?



3 Convert the following measurements.

1 m 2 dm 7 cm = _____ cm	270 dm = ____ m	3 m 7 cm = _____ cm
507 cm = ____ m ____ cm	40 m = _____ dm	29 cm = ___ dm ___ cm
314 cm = ____ dm ____ cm	30 dm = _____ m	5 m 4 dm = _____ cm

4 Last weekend Little Joe had visited his Grandma and she gave him a bag with 20 candies. When LJ came home, he asked each brother to picked candies they like: Foxy Tail took 4 candies, Jake the Mouse took 5 candies, and Pop Eye took 6 candies. What questions we can ask so the expressions below will represent the solutions?

20 – 4 _____

20 – 4 – 5 _____

20 – (4 + 5) _____

4 + 5 + 6 _____

20 – (4 + 5 + 6) _____

20 – 4 – 5 - 6_____

Removing parenthesis

Evaluate:

20 – 4 – 5 =

20 – (4 + 5) =

20 – (4 + 5 + 6) =

20 – 4 – 5 – 6 =

If we will remove parenthesis in this expression: 20 + (4 + 5 + 6) =

5 Connect the equivalent expressions:

34 – (12 + 6 + 3)		34 - 12 - 6 + 3
34 + (12 + 6 + 3)		34 - 12 - 6 - 3
34 - (12 + 6 – 3)		34 + 12 + 6 + 3

6 Find symmetric letters in the alphabet. Complete the words by adding the missing reflection of the letters.

A B C D E F G

H I J K L M N

O P Q R S T U

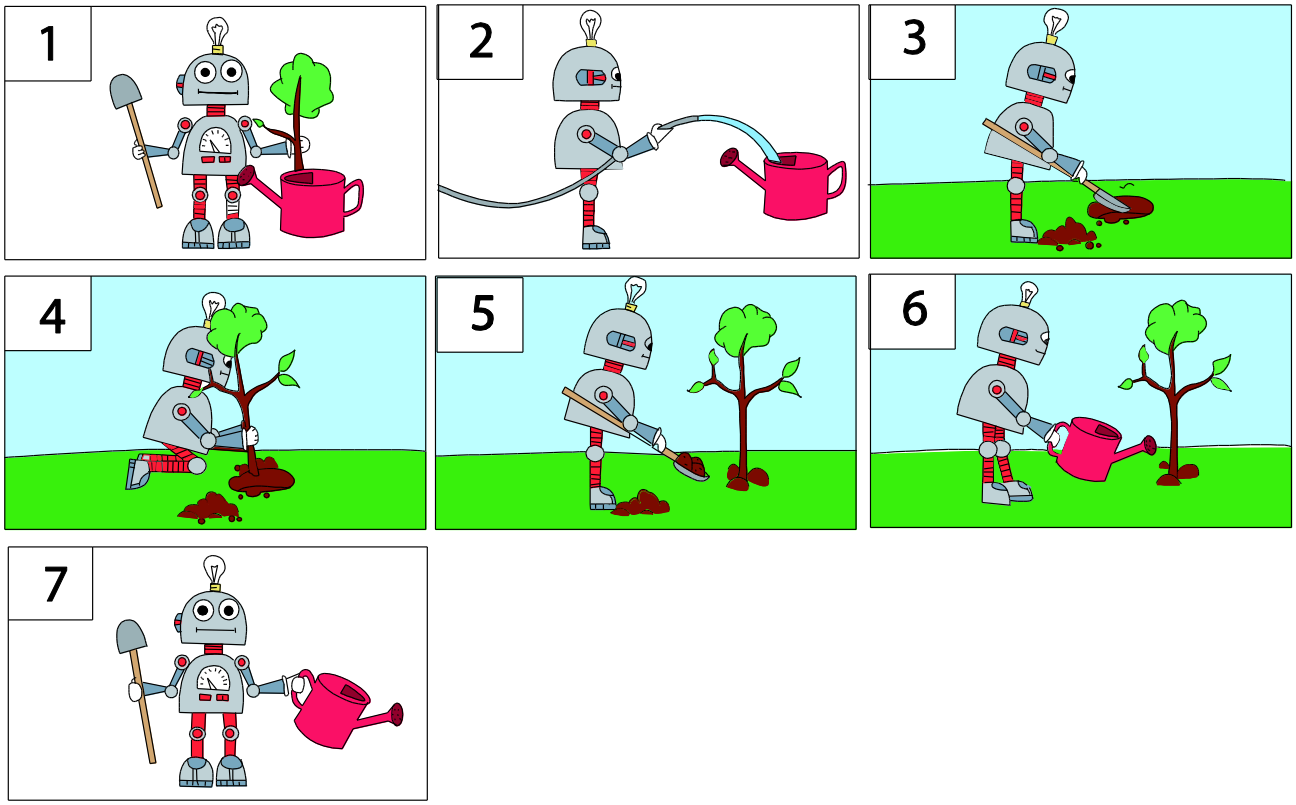
V W X Y Z

EXCEEDED

ICEBOX

Algorithms. Start and Stop.

7 This is a robot. His name is Bob. Bob can memorize and follow commands given by people. Help Bob plant a tree. Number the drawings appropriately and write down the algorithm for planting a tree.



Start:

Step _____ Step _____

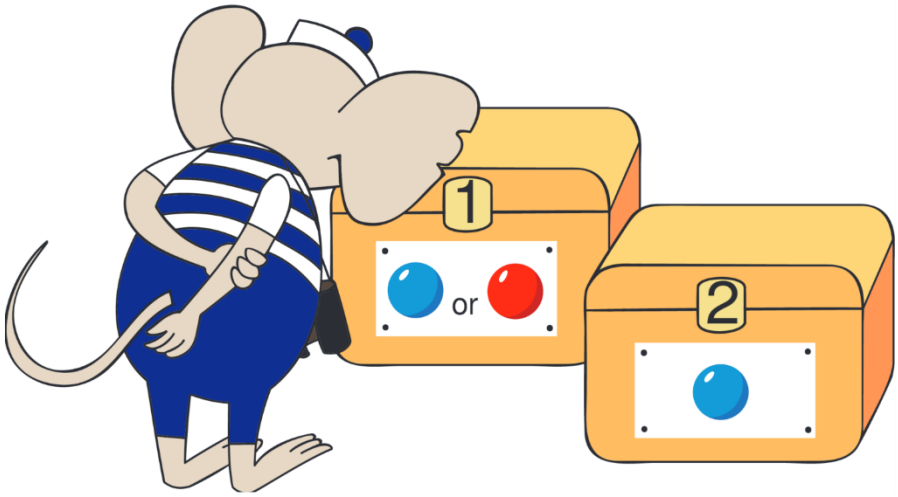
Step _____ Step _____

Step _____ Step _____

Step _____

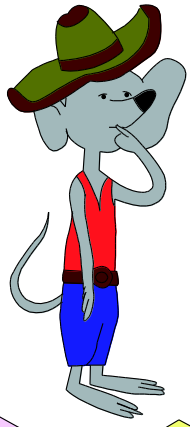
Stop

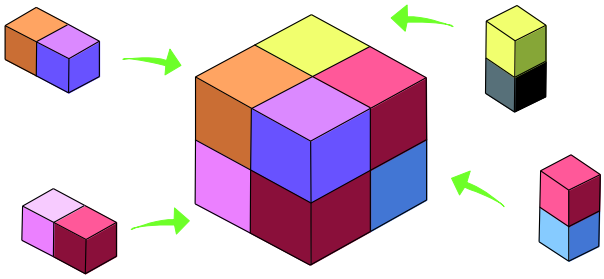
8 There are two boxes and two balls (red and blue) . The balls are in the boxes – one ball in each box. Can you tell where are the balls if both tags are TRUE?
Can be both tags FALSE?
Can it be that one tag is TRUE and the other is FALSE?

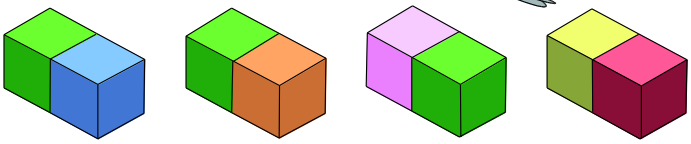


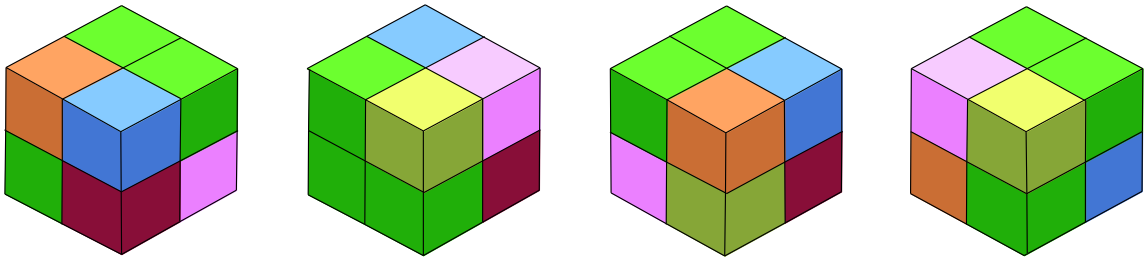
9 To create a single cube we are using 4 parts.

Which cube can be obtained by arranging those 4 blocks? ____









1 2 3 4