

Name and surname: _____

Grade: _____ Date _____

Learning to calculate with the abacus

Length: 15 minutes

Material: pencil, colouring pencils and abacus

session

7



activity 12:

Add balls

1. Count the balls and solve the additions using your abacus.
2. Represent the calculations in the abacus on the right and colour in the beads.

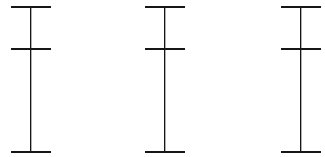
1

Ⓐ ○ + ○ = ○

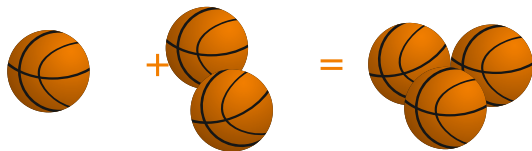


2

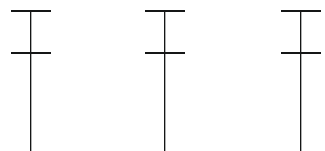
Ⓔ ○ + ○ = ○



Ⓑ ○ + ○ = ○



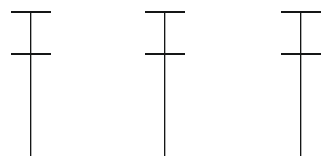
Ⓕ ○ + ○ = ○



Ⓒ ○ + ○ = ○



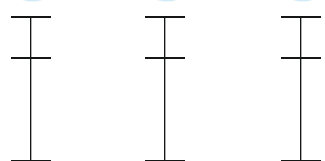
Ⓖ ○ + ○ = ○



Ⓓ ○ + ○ = ○



Ⓗ ○ + ○ = ○



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and abacus

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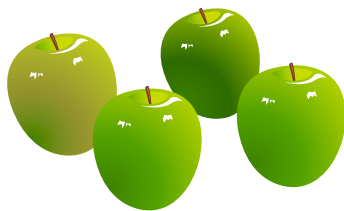
7



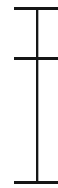
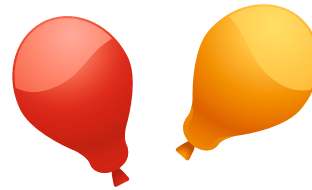
activity 13:

Cross me out

Cross out in the image those elements that are subtracted. Afterwards, solve the operations using your abacus and represent the results in the abacus on the right.



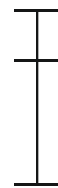
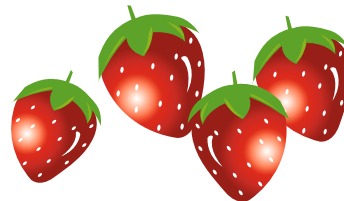
Ⓐ $4 - 2 = \bigcirc$



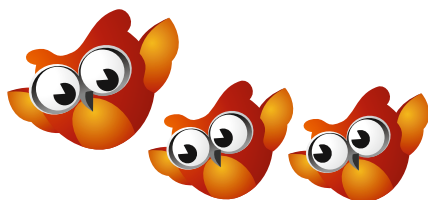
Ⓑ $2 - 1 = \bigcirc$



Ⓒ $3 - 2 = \bigcirc$



Ⓓ $4 - 3 = \bigcirc$



Ⓔ $3 - 3 = \bigcirc$



Ⓕ $4 - 1 = \bigcirc$

Learning to calculate with the abacus



session
7

Length: 15 minutes

Material: none


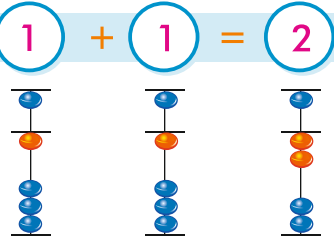
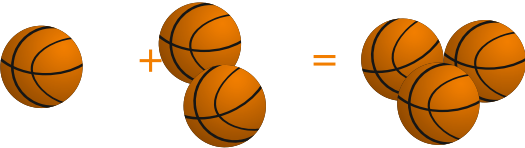
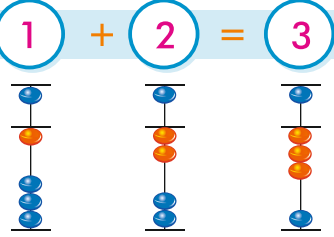

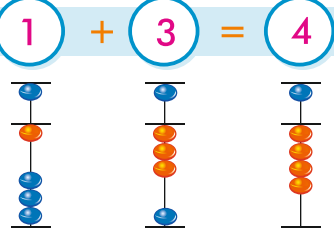

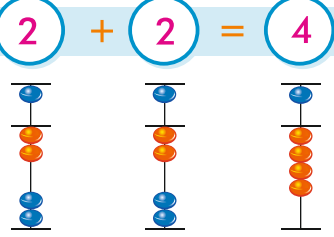
Organisation: individual

Content: use of the abacus as a calculation device: **addition**

activity 12:

Add balls

Solve the activity from the student's practice sheet.

1		2	
(A)	$\textcircled{1} + \textcircled{1} = \textcircled{2}$	(E)	$\textcircled{1} + \textcircled{1} = \textcircled{2}$
			
(B)	$\textcircled{1} + \textcircled{2} = \textcircled{3}$	(F)	$\textcircled{1} + \textcircled{2} = \textcircled{3}$
			
(C)	$\textcircled{1} + \textcircled{3} = \textcircled{4}$	(G)	$\textcircled{1} + \textcircled{3} = \textcircled{4}$
			
(D)	$\textcircled{2} + \textcircled{2} = \textcircled{4}$	(H)	$\textcircled{2} + \textcircled{2} = \textcircled{4}$
			

Learning to calculate with the abacus



session
7

Length: 10 minutes

Material: none

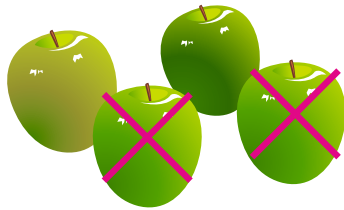
Organisation: individual

Content: use of the abacus as a calculation device: **subtraction**

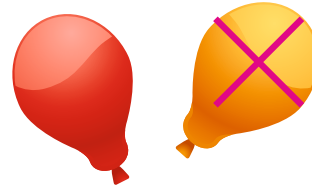
activity 13:

Cross me out

Solve the activity from the student's practice sheet.



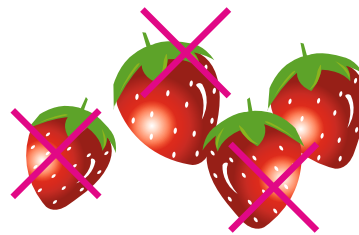
Ⓐ $4 - 2 = 2$



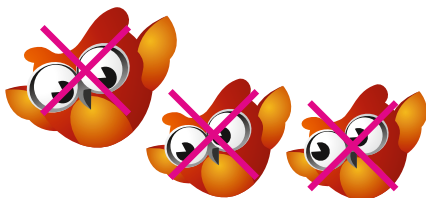
Ⓑ $2 - 1 = 1$



Ⓒ $3 - 2 = 1$



Ⓓ $4 - 3 = 1$



Ⓔ $3 - 3 = 0$



Ⓕ $4 - 1 = 3$



Game 7

Length: 10 min

Finish the drawing

Main ability practised: Creativity

This game also enhances: Attention and Concentration.

In one of the boxes from the Speed Test book, the first student will draw a line and forward it to their classmate on the right, he/she will continue drawing, and will try to make the drawing into something and then pass the notebook onto the next classmate.

With several notebooks going around the class, there will be different sets of pictures among the students. At the end, when the teacher indicates so, the sheets will stop rotating and the final result will be displayed.

Developed by:



in collaboration with: www.orientacionandujar.es