

Name and surname: _____

Grade: _____ Date _____

Learning to calculate with the abacus

session

9



Length: 20 minutes

Material: pencil, colouring pencils
and abacus

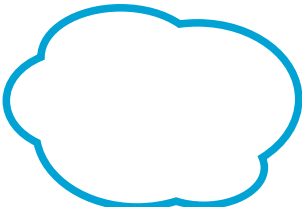
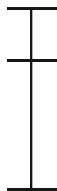
activity 15:

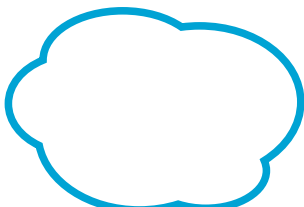

Draw and cross out



Firstly, do the calculations using your abacus.

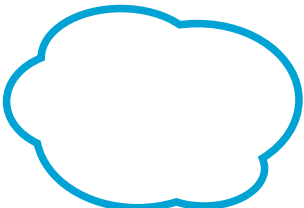

Now, draw and cross out the triangles in the clouds following your teacher's indications.



Finally, represent the results in the empty abacus.



Ⓐ  
 $3 - 2 + 2 + 1 = \bigcirc$

Ⓑ  
 $4 - 3 - 1 + 2 = \bigcirc$

Ⓒ  
 $1 + 1 - 1 + 3 = \bigcirc$

Ⓓ  
 $3 - 2 - 1 + 4 = \bigcirc$

Ⓔ  
 $2 - 1 + 3 - 4 = \bigcirc$

Ⓕ  
 $2 - 2 + 3 - 2 = \bigcirc$

Learning to calculate with the abacus



session
9

Length: 20 minutes

Material: none

Organisation: individual

Content: use of the abacus as a calculation device

activity 15:

Draw and cross out

Information for the teacher

Explain the activity following the next example

Example: the steps followed in the image have been:

$1 + 1 - 2 + 3 = 3$

1° 2° 3° 4°

1° Draw 1 triangle

2° Draw another triangle

3° Cross out 2 triangles

4° Draw 3 triangles

(A)

$3 - 2 + 2 + 1 = 4$

(B)

$4 - 3 - 1 + 2 = 2$

(C)

$1 + 1 - 1 + 3 = 4$

(D)

$3 - 2 - 1 + 4 = 4$

(E)

$2 - 1 + 3 - 4 = 0$

(F)

$2 - 2 + 3 - 2 = 1$



Game 9

Length: 10 min

Chained numbers

Main ability practised: Attention & Concentration.

This game also enhances: Listening Capacity.

In turns, each player will say a number:

- The first student says a number (for example, 3).
- The second one, repeats that number and adds another at their choice (for example, 3, 8).
- The following player should say the previous numbers plus another one (3, 8, 4) and so on.

Developed by:



in collaboration with: www.orientacionandujar.es