

Name and surname: _____

Grade: _____ Date _____

Learning to calculate with the abacus



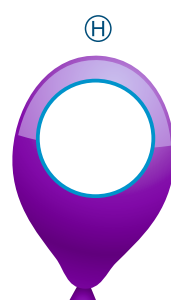
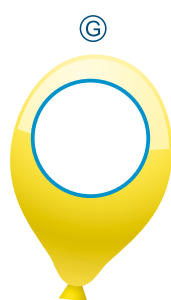
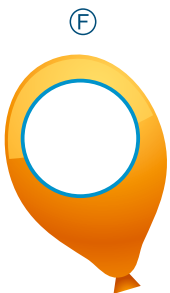
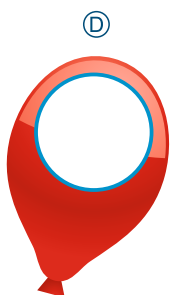
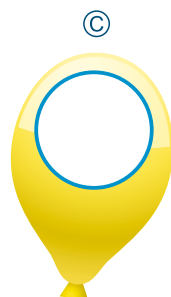
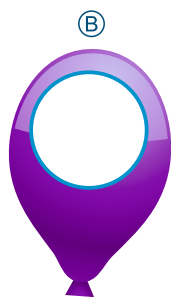
session
5

Length: 5 minutes
Material: pencil

activity 8:

Represent me

Represent in your abacus the number that the teacher says and then write it in the corresponding balloon.



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session
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Length: 5 minutes
Material: pencil

activity 9:

Labyrinth

Observe carefully the abacus at the beginning of the labyrinth and find the route that leads to the correct solution.

(A) (B) (C)

The labyrinth starts at an abacus with 3 orange beads on the top row and 2 blue beads on the bottom row, representing the number 5. The maze contains several paths, some blocked by minus signs. The three possible solutions are:

- (A) 3 rabbits
- (B) 2 rabbits
- (C) 7 rabbits

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session
5



Length: 10 minutes

Material: pencil, colouring pencils and abacus

activity 10:

Complete and colour

1. Solve the following calculations with your abacus. Then draw the solutions in the empty abacus.
2. Colour in the ladybug spots depending on the number represented in each abacus.

A

Abacus 1: 1 blue bead in the top row, 2 orange beads in the middle row, 2 blue beads in the bottom row.
Abacus 2: 1 blue bead in the top row, 2 orange beads in the middle row, 2 blue beads in the bottom row.
Abacus 3: Empty.

Ladybug 1: 10 spots.
Ladybug 2: 10 spots.
Ladybug 3: Empty.

B

Abacus 1: 1 blue bead in the top row, 2 orange beads in the middle row, 2 blue beads in the bottom row.
Abacus 2: 1 blue bead in the top row, 1 orange bead in the middle row, 3 blue beads in the bottom row.
Abacus 3: Empty.

Ladybug 1: 10 spots.
Ladybug 2: 13 spots.
Ladybug 3: Empty.

C

Abacus 1: 1 blue bead in the top row, 1 orange bead in the middle row, 3 blue beads in the bottom row.
Abacus 2: 1 blue bead in the top row, 3 orange beads in the middle row, 1 blue bead in the bottom row.
Abacus 3: Empty.

Ladybug 1: 13 spots.
Ladybug 2: 10 spots.
Ladybug 3: Empty.

D

Abacus 1: 1 blue bead in the top row, 1 orange bead in the middle row, 3 blue beads in the bottom row.
Abacus 2: 1 blue bead in the top row, 1 orange bead in the middle row, 3 blue beads in the bottom row.
Abacus 3: Empty.

Ladybug 1: 13 spots.
Ladybug 2: 10 spots.
Ladybug 3: Empty.

Learning to calculate with the abacus

Length: 5 minutes

Material: none

Organisation: small or large group

Content: to represent the numbers
using the abacus

session
5

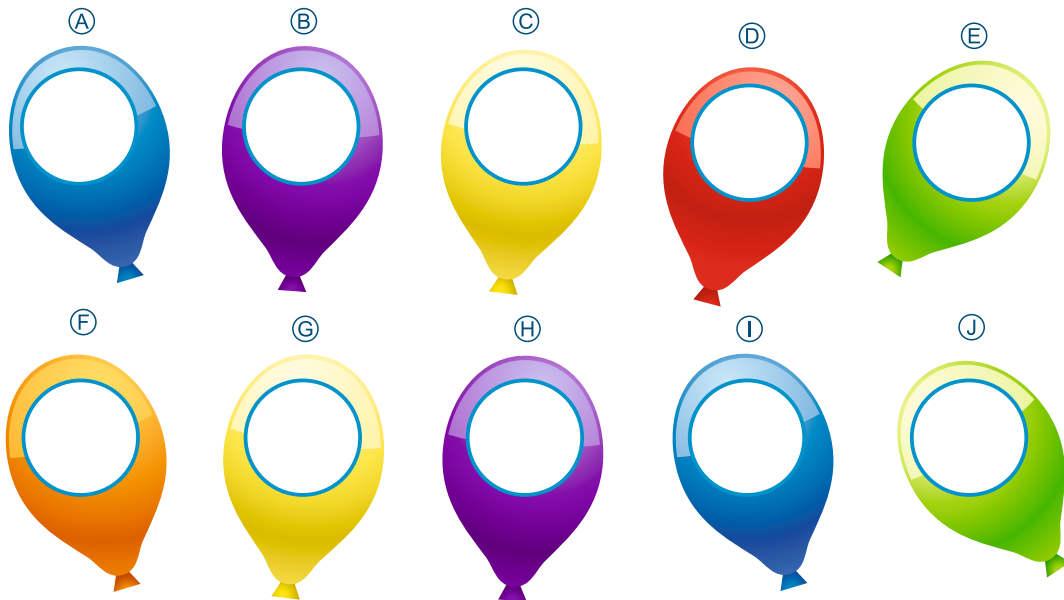


activity 8:

Represent me

Information for the teacher

The teacher shall say a number from 1 to 9 aloud and the student will represent it with its abacus.



Learning to calculate with the abacus



session
5

Length: 5 minutes

Material: none

Organisation: individual

Content: to develop Executive and Spatial skills

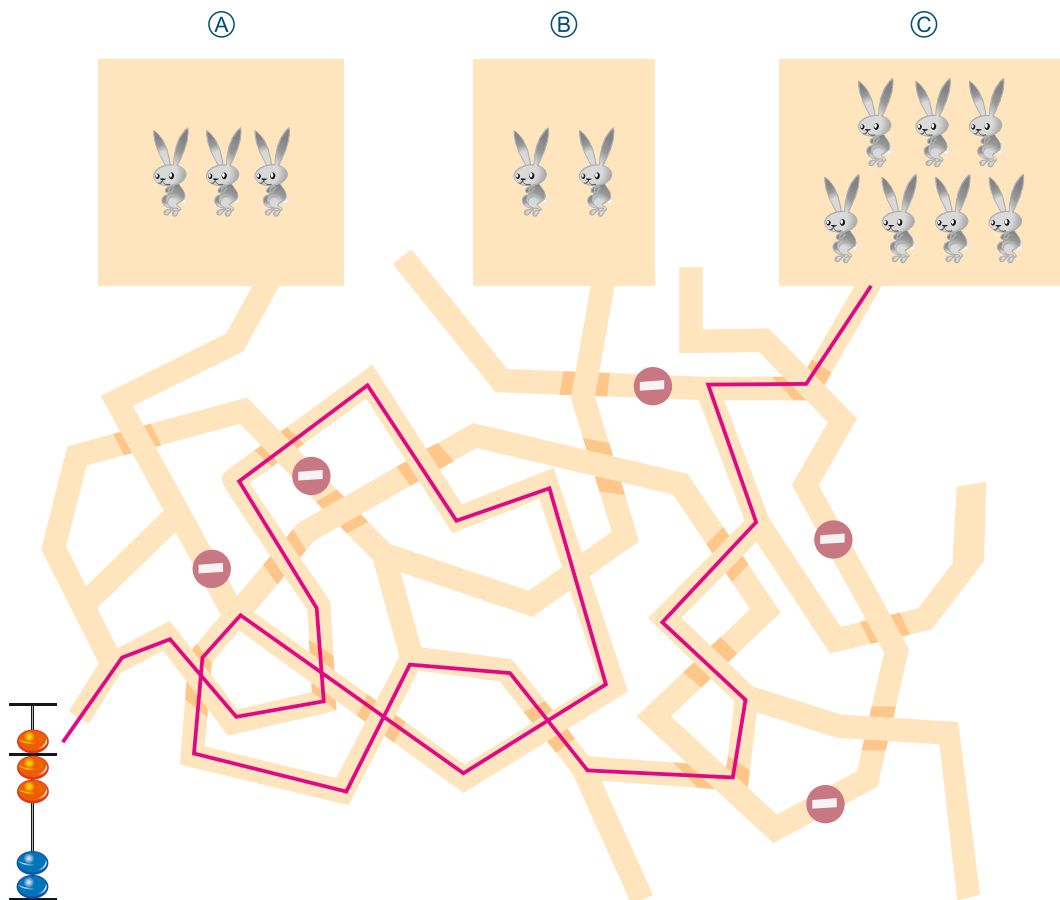
activity 9:

Labyrinth

Information for the teacher

The labyrinth might have more than one correct path, the most important thing is linking the abacus with the image of the corresponding rabbits.

Solve the activity from the student's practice sheet.



Learning to calculate with the abacus



session

5

Length: 10 minutes

Material: none

Organisation: individual

Content: use of the abacus as a calculation device

activity 10:

Complete and colour

Solve the activity from the student's practice sheet.

Ⓐ

Ⓑ

Ⓒ

Ⓓ



Game 5

Length: 10 min

More/Less

Main ability practised: Attention and Concentration.

This game also enhances: Listening Capacity.

When the teacher says “more” the students will stick their thumb out and when he/she says “less” the students will stick the index finger of their choice out. The students can use both hands. This activity helps to internalise the movements of the abacus beads.

Developed by:



in collaboration with: www.orientacionandujar.es