Name and surname:

Grade: _____   Date _____

learning to calculate with the abacus

review of basic concepts

ALOHA
MENTAL ARITHMETIC

1. Number soup

Solve these calculations using your abacus and colour in the correct result in the numbers' soup. Do only colour those boxes matching the results of the operations you have done.

Ⓐ $1+2=$ ○

Ⓑ $4-1-1=$ ○

Ⓒ $3-1=$ ○

Ⓓ $5+4-2=$ ○

Ⓔ $3-2=$ ○

Ⓕ $2-1-1+1=$ ○

Ⓖ $5+1+2=$ ○

Ⓗ $4-3+5-1=$ ○

Ⓘ $5+1+1+1=$ ○

5	1	0	5	6	0	5	9
7	8	7	5	5	2	5	5
5	5	1	8	5	4	5	2
6	4	5	6	3	5	6	5
5	5	8	3	0	5	5	0
8	5	5	0	5	8	5	2
5	3	0	9	5	3	5	3
6	1	5	4	5	5	1	1
7	5	3	5	6	4	5	5
5	5	9	5	7	5	9	5

Ⓙ $4+5-4-5=$ ○

Ⓚ $3+1=$ ○

Ⓛ $5+3-2=$ ○

Ⓜ $5+4=$ ○

Ⓝ $3+5+1-2=$ ○

Ⓞ $3+5-1=$ ○

Ⓟ $2+1-2+3=$ ○

Ⓠ $1+2-3=$ ○

Ⓡ $3+1-3=$ ○

learning to calculate with the abacus

**review of
basic concepts**

ALOHA
MENTAL ARITHMETIC

2. Number soup

Colour in the numbers making up the lower beads.

5	5	1	8	5	4	5	2
5	1	0	5	6	0	5	9
8	5	5	0	5	8	5	2
6	1	5	4	5	5	1	1
7	8	7	5	5	2	5	5
5	3	0	9	5	3	5	3
5	5	9	5	7	5	9	5
6	4	5	6	3	5	6	5
7	5	3	5	6	4	5	5
5	5	8	3	0	5	5	0

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**review of
basic concepts**

**session
20**

3. Number soup

Colour in the numbers making up the upper bead.

5	5	8	3	0	5	5	0
7	8	7	5	5	2	4	5
5	1	0	5	6	0	5	9
8	5	9	0	5	8	3	2
5	5	1	8	5	4	5	2
6	4	5	6	3	5	6	5
5	5	9	5	7	5	9	5
6	1	5	4	6	5	1	1
5	3	0	9	5	3	5	3
7	5	3	5	6	4	5	5

learning to calculate with the abacus

session 20

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ALOHA
MENTAL ARITHMETIC

4. Sign soup

Colour in all the mathematic signs of the operations you have done so far.

+	-	x	÷	√	Σ	√	½
≤	∂	≥	√	π	ß	€	∫
$	%	=	μ	‰	Ω	¥	¾
Δ	∞	≈	¬	+	x	÷	-
+	x	+	x	-	√	ß	÷
ß	÷	x	√	÷	Ω	∞	-
%	+	π	-	√	x	+	x
÷	√	+	%	-	+	÷	1
%	x	√	ß	Ω	x	π	%
π	-	÷	√	ß	+	√	-

learning to calculate with the abacus

review of basic concepts

ALOHA
MENTAL ARITHMETIC

1. Number soup

Solve these calculations using your abacus and colour in the correct result in the numbers' soup. Do only colour those boxes matching the results of the operations you have done.

Information for the teacher: As there are calculations with the same results, some numbers will be repeated in this soup.

(A) $1+2=$ (3)

(B) $4-1-1=$ (2)

(C) $3-1=$ (2)

(D) $5+4-2=$ (7)

(E) $3-2=$ (1)

(F) $2-1-1+1=$ (1)

(G) $5+1+2=$ (8)

(H) $4-3+5-1=$ (5)

(I) $5+1+1+1=$ (8)

(J) $4+5-4-5=$ (0)

(K) $3+1=$ (4)

(L) $5+3-2=$ (6)

(M) $5+4=$ (9)

(N) $3+5+1-2=$ (7)

(O) $3+5-1=$ (7)

(P) $2+1-2+3=$ (4)

(Q) $1+2-3=$ (0)

(R) $3+1-3=$ (1)

5	1	0	5	6	0	5	9
7	8	7	5	5	2	5	5
5	5	1	8	5	4	5	2
6	4	5	6	3	5	6	5
5	5	8	3	0	5	5	0
8	5	5	0	5	8	5	2
5	3	0	9	5	3	5	3
6	1	5	4	5	5	1	1
7	5	3	5	6	4	5	5
5	5	9	5	7	5	9	5

To solve the exercises you can also check:

Practice sheets

Theory practice sheets from sessions 4 and 10

videos

"The Abacus: Beads movement I" and "The Beads movement II"

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learning to calculate with the abacus

session 20

review of basic concepts

ALOHA
MENTAL ARITHMETIC

2. Number soup

Colour in the numbers making up the lower beads.
Information for the teacher: the students shall circle all the numbers "1", "2", "3" and "4" from the table, even if these are repeated.

5	5	①	8	5	④	5	②
5	①	0	5	6	0	5	9
8	5	5	0	5	8	5	②
6	①	5	④	5	5	①	①
7	8	7	5	5	②	5	5
5	③	0	9	5	③	5	③
5	5	9	5	7	5	9	5
6	④	5	6	③	5	6	5
7	5	③	5	6	④	5	5
5	5	8	③	0	5	5	0

To solve the exercises you can also check:

Practice sheets
Theory practice sheets from sessions 1 and 3

videos
"The parts of the abacus"
"The Abacus: beads movement"

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session 20

review of basic concepts

ALOHA
MENTAL ARITHMETIC

3. Number soup

Colour in the numbers making up the upper bead.

Information for the teacher: the students shall circle all the numbers "5" from the table, even if these are repeated.

⑤	⑤	8	3	0	⑤	⑤	0
7	8	7	⑤	⑤	2	4	⑤
⑤	1	0	⑤	6	0	⑤	9
8	⑤	9	0	⑤	8	3	2
⑤	⑤	1	8	⑤	4	⑤	2
6	4	⑤	6	3	⑤	6	⑤
⑤	⑤	9	⑤	7	⑤	9	⑤
6	1	⑤	4	6	⑤	1	1
⑤	3	0	9	⑤	3	⑤	3
7	⑤	3	⑤	6	4	⑤	⑤

To solve the exercises you can also check:

Practice sheets
Theory practice sheets from sessions 1 and 3

videos
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"The Abacus: beads movement"

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MENTAL ARITHMETIC

4. Sign soup

Colour in all the mathematic signs of the operations you have done so far.
Information for the teacher: the students shall circle all the mathemacical signs "+" and "-" from the table, even if these are repeated.

⊕	⊖	x	÷	√	Σ	√	½
≤	∂	≥	√	π	ß	€	∫
$	%	=	μ	‰	Ω	¥	¾
Δ	∞	≈	¬	⊕	x	÷	⊖
⊕	x	⊕	x	⊖	√	ß	÷
ß	÷	x	√	÷	Ω	∞	⊖
%	⊕	π	⊖	√	x	⊕	x
÷	√	⊕	%	⊖	⊕	÷	1
%	x	√	ß	Ω	x	π	%
π	⊖	÷	√	ß	⊕	√	⊖

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