

Name and surname: _____

Grade: _____ Date _____

Learning to calculate with the abacus



session
21

addition and subtractions with the abacus
upper bead

1. Spot the intruder

Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is the wrong result, and cross it out.

Ⓐ	Ⓑ	Ⓒ	Ⓓ	Ⓔ
5	2	2	1	1
2	2	2	2	1
2	5	-1	-2	2
-1	-2	1	3	-1
-1	-5	5	-1	-3
3 7	2 5	7 9	3 2	1 0
Ⓕ	Ⓖ	Ⓗ	Ⓙ	Ⓚ
1	2	1	3	4
1	5	2	1	-3
-2	2	5	-4	2
3	-4	-3	4	-3
1	3	1	5	1
4 5	4 8	6 8	6 9	1 3

Name and surname: _____

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Learning to calculate with the abacus

session
21

addition and subtractions with the abacus
upper bead



2. Spot the intruder

Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is the wrong result, and cross it out.

Ⓐ $1+1+2=$

Ⓔ $5+1+3-2=$

Ⓑ $4-3=$

Ⓒ $4-1+5=$

Ⓒ $2+5-2=$

Ⓓ $5+3-2=$

Ⓓ $4-2=$

Ⓕ $5+4=$

Ⓔ $2+1=$

Ⓖ $1+2+5=$

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Grade: _____ Date _____

Learning to calculate with the abacus

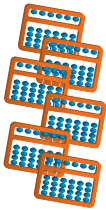




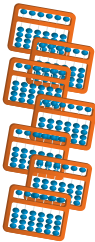






session
21

addition and subtractions with the abacus
upper bead

3. Spot the intruder

Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is the wrong result, and cross it out.

(A)	(B)	(C)	(D)	(E)
$\begin{array}{r} 3 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 1 \\ 5 \\ \hline 3 \end{array}$	$\begin{array}{r} 5 \\ 4 \\ \hline -3 \end{array}$	$\begin{array}{r} 2 \\ 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline 1 \end{array}$
				
				

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upper bead








4. Spot the intruder




Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is, the wrong result and cross it out.




Ⓐ  +  -  = $\begin{matrix} \textcircled{0} \\ \textcircled{1} \end{matrix}$

Ⓓ  -  -  = $\begin{matrix} \textcircled{1} \\ \textcircled{3} \end{matrix}$

Ⓑ  -  +  = $\begin{matrix} \textcircled{7} \\ \textcircled{6} \end{matrix}$

Ⓔ  +  +  = $\begin{matrix} \textcircled{9} \\ \textcircled{2} \end{matrix}$

Ⓒ  +  +  = $\begin{matrix} \textcircled{8} \\ \textcircled{9} \end{matrix}$

Ⓕ  -  +  = $\begin{matrix} \textcircled{1} \\ \textcircled{2} \end{matrix}$

TEACHER'S VERSION

Learning to calculate with the abacus

session
21

addition and subtraction with the abacus
upper beads



1. Spot the intruder

Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is, the wrong result and cross it out.

(A)	(B)	(C)	(D)	(E)
5	2	2	1	1
2	2	2	2	1
2	5	-1	-2	2
-1	-2	1	3	-1
-1	-5	5	-1	-3
8 7	2 8	7 9	3 2	1 0
(F)	(G)	(H)	(I)	(J)
1	2	1	3	4
1	5	2	1	-3
-2	2	5	-4	2
3	-4	-3	4	-3
1	3	1	5	1
4 5	4 8	6 8	8 9	1 8

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"

Learning to calculate with the abacus

session
21

addition and subtractions with the abacus
upper beads



2. Spot the intruder

Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is, the wrong result and cross it out.

Ⓐ $1+1+2=$ |

Ⓔ $5+1+3-2=$ |

Ⓑ $4-3=$ |

Ⓒ $4-1+5=$ |

Ⓒ $2+5-2=$ |

Ⓓ $5+3-2=$ |

Ⓓ $4-2=$ |

Ⓙ $5+4=$ |

Ⓔ $2+1=$ |

Ⓚ $1+2+5=$ |

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3. Spot the intruder

Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is, the wrong result and cross it out.

(A)	(B)	(C)	(D)	(E)
$\begin{array}{r} 3 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 1 \\ 5 \\ \hline 3 \end{array}$	$\begin{array}{r} 5 \\ 4 \\ \hline -3 \end{array}$	$\begin{array}{r} 2 \\ 1 \\ \hline 5 \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline 1 \end{array}$

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21





addition and subtractions with the abacus
upper beads

4. Spot the intruder





Do the following calculations using your abacus and from the two alternatives given, spot the intruder, that is, the wrong result and cross it out.





(A)  +  -  = 

(D)  -  -  = 

(B)  -  +  = 

(E)  +  +  = 

(C)  +  +  = 

(F)  -  +  = 

To solve the exercises you can also check:

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Theory practice sheets from sessions 4 and 10

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