

Name and surname: _____

Grade: _____ Date: _____

Learning to calculate with the abacus

session

14

additions and subtractions with the abacus
units' column



1. Colour in the correct result

Solve the following calculations using your abacus and colour in the correct result so the bees can find their hives.

(A)

$$\begin{array}{r} 2 \\ -1 \\ \hline 3 \end{array}$$



(B)

$$\begin{array}{r} 4 \\ 5 \\ -1 \\ \hline \end{array}$$



(C)

$$\begin{array}{r} 5 \\ -5 \\ \hline 3 \end{array}$$



(D)

$$\begin{array}{r} 1 \\ 3 \\ 5 \\ \hline \end{array}$$



(E)

$$\begin{array}{r} 2 \\ 5 \\ 2 \\ \hline \end{array}$$



(F)

$$\begin{array}{r} 3 \\ -2 \\ -1 \\ \hline \end{array}$$



(G)

$$\begin{array}{r} 5 \\ 1 \\ -5 \\ \hline \end{array}$$



(H)

$$\begin{array}{r} 2 \\ 2 \\ -3 \\ \hline \end{array}$$



(I)

$$\begin{array}{r} 3 \\ -1 \\ 5 \\ \hline \end{array}$$



(J)

$$\begin{array}{r} 1 \\ 3 \\ -4 \\ \hline \end{array}$$



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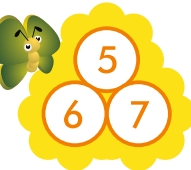

2. Colour in the correct result

Solve the following calculations using the abacus and colour in the correct result so the butterflies can find their flower.



(A)


$$\begin{array}{r} 3 \\ -3 \\ \hline 5 \end{array}$$


(B)

$$\begin{array}{r} 5 \\ 4 \\ -3 \end{array}$$




(C)


$$\begin{array}{r} 4 \\ -2 \\ -1 \end{array}$$




(D)

$$\begin{array}{r} 4 \\ -1 \\ 5 \end{array}$$


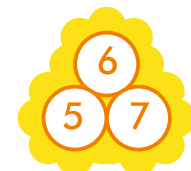

(E)

$$\begin{array}{r} 3 \\ -2 \\ 5 \end{array}$$



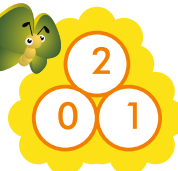
(F)

$$\begin{array}{r} 4 \\ -2 \\ 2 \end{array}$$




(G)


$$\begin{array}{r} 2 \\ -1 \\ 5 \end{array}$$



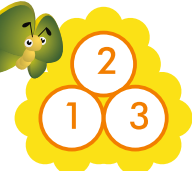
(H)


$$\begin{array}{r} 1 \\ 3 \\ -4 \end{array}$$


(I)


$$\begin{array}{r} 5 \\ -5 \\ 5 \end{array}$$


(J)


$$\begin{array}{r} 4 \\ -3 \\ 2 \end{array}$$


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3. Colour in the correct result

Solve the following calculations using your abacus and colour in the correct result so the worms can find their apple.

(A)

3
5
-3
4
-3



(C)

2
2
-3
5
1



(E)

4
-3
1
1
-2



(B)

2
5
-1
-5
3



(D)

5
4
-1
-3
3



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4. Colour in the correct result

Solve the following calculations using your abacus and colour in the correct result so the crows can find their pumpkin.

(A)

$$\begin{array}{r} 5 \\ 2 \\ 2 \\ -3 \\ -5 \end{array}$$

2
1 0

(C)

$$\begin{array}{r} 2 \\ -1 \\ -1 \\ 3 \\ 5 \end{array}$$

7
8 9

(E)

$$\begin{array}{r} 4 \\ -3 \\ 5 \\ 3 \\ -4 \end{array}$$

6
4 5

(B)

$$\begin{array}{r} 3 \\ 5 \\ -2 \\ 1 \\ 2 \end{array}$$

9
8 5

(D)

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ 1 \\ -4 \end{array}$$

1
0 4

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units' column



1. Colour in the correct result

Solve the following calculations using your abacus and colour in the correct result so the bees find their hives.

(A)

$$\begin{array}{r} 2 \\ -1 \\ \hline 3 \end{array}$$



(B)

$$\begin{array}{r} 4 \\ 5 \\ -1 \\ \hline \end{array}$$



(C)

$$\begin{array}{r} 5 \\ -5 \\ \hline 3 \end{array}$$



(D)

$$\begin{array}{r} 1 \\ 3 \\ 5 \\ \hline \end{array}$$



(E)

$$\begin{array}{r} 2 \\ 5 \\ 2 \\ \hline \end{array}$$



(F)

$$\begin{array}{r} 3 \\ -2 \\ -1 \\ \hline \end{array}$$



(G)

$$\begin{array}{r} 5 \\ 1 \\ -5 \\ \hline \end{array}$$



(H)

$$\begin{array}{r} 2 \\ 2 \\ -3 \\ \hline \end{array}$$



(I)

$$\begin{array}{r} 3 \\ -1 \\ 5 \\ \hline \end{array}$$



(J)

$$\begin{array}{r} 1 \\ 3 \\ -4 \\ \hline \end{array}$$



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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units' column



2. Colour in the correct result

Solve the following calculations using the abacus and colour in the correct result so the butterflies find their flower.

<p>(A)</p> $\begin{array}{r} 3 \\ -3 \\ 5 \end{array}$	<p>(B)</p> $\begin{array}{r} 5 \\ 4 \\ -3 \end{array}$	<p>(C)</p> $\begin{array}{r} 4 \\ -2 \\ -1 \end{array}$	<p>(D)</p> $\begin{array}{r} 4 \\ -1 \\ 5 \end{array}$	<p>(E)</p> $\begin{array}{r} 3 \\ -2 \\ 5 \end{array}$
<p>(F)</p> $\begin{array}{r} 4 \\ -2 \\ 2 \end{array}$	<p>(G)</p> $\begin{array}{r} 2 \\ -1 \\ 5 \end{array}$	<p>(H)</p> $\begin{array}{r} 1 \\ 3 \\ -4 \end{array}$	<p>(I)</p> $\begin{array}{r} 5 \\ -5 \\ 5 \end{array}$	<p>(J)</p> $\begin{array}{r} 4 \\ -3 \\ 2 \end{array}$

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Practice sheets



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and "The Beads movement II"

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3. Colour in the correct result

Solve the following calculations using your abacus and colour in the correct result so the worms find their apple.

(A)

$$\begin{array}{r} 3 \\ 5 \\ -3 \\ 4 \\ -3 \end{array}$$

(C)

$$\begin{array}{r} 2 \\ 2 \\ -3 \\ 5 \\ 1 \end{array}$$

(E)

$$\begin{array}{r} 4 \\ -3 \\ 1 \\ 1 \\ -2 \end{array}$$

(B)

$$\begin{array}{r} 2 \\ 5 \\ -1 \\ -5 \\ 3 \end{array}$$

(D)

$$\begin{array}{r} 5 \\ 4 \\ -1 \\ -3 \\ 3 \end{array}$$

To solve the exercises you can also check:

Practice sheets



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and "The Beads movement II"

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4. Colour in the correct result

Solve the following calculations using your abacus and colour in the correct result so the crows find their pumpkin.

(A)

$$\begin{array}{r} 5 \\ 2 \\ 2 \\ -3 \\ -5 \end{array}$$

(C)

$$\begin{array}{r} 2 \\ -1 \\ -1 \\ 3 \\ 5 \end{array}$$

(E)

$$\begin{array}{r} 4 \\ -3 \\ 5 \\ 3 \\ -4 \end{array}$$

(B)

$$\begin{array}{r} 3 \\ 5 \\ -2 \\ 1 \\ 2 \end{array}$$

(D)

$$\begin{array}{r} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ -4 \end{array}$$

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"