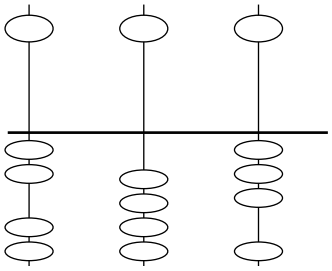
Soroban basics

Only beads moved toward the beam count: upper bead=5, each lower bead=1. The labelled rods represent hundreds, tens and ones.

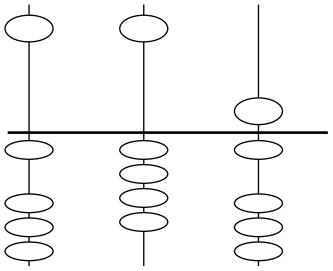
Name: _____ Date: _____

1. Read the value.



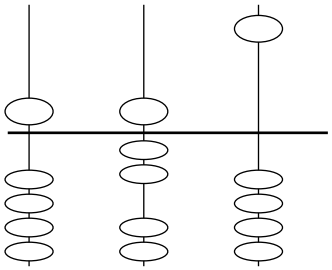
Answer: _____

2. Read the value.



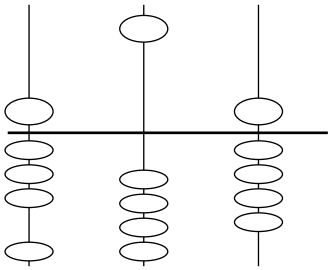
Answer: _____

3. Read the value.



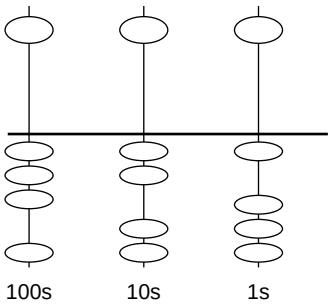
Answer: _____

4. Read the value.



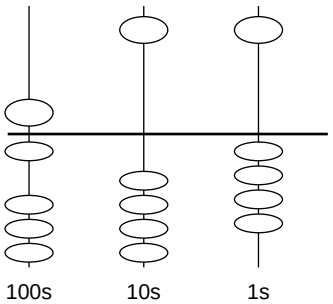
Answer: _____

5. Read the value.



Answer: _____

6. Read the value.



Answer: _____

Free for educational use: teachers may print and share the worksheets with their students.

Soroban basics

Only beads moved toward the beam count: upper bead=5, each lower bead=1. The labelled rods represent hundreds, tens and ones.

Name: _____ Date: _____

7. Represent 125.

Answer: _____

8. Represent 407.

Answer: _____

9. Represent 680.

Answer: _____

10. Represent 934.

Answer: _____

11. Represent 250.

Answer: _____

12. Represent 761.

Answer: _____

Free for educational use: teachers may print and share the worksheets with their students.

Soroban basics - answer key

Check the method as well as the final value. Exercise pages can be printed without this page.

Name: _____ Date: _____

1. 203

2. 146

3. 570

4. 809

5. 321

6. 604

7. 100s: upper 0, lower 1; 10s: upper 0, lower 2; 1s: upper 1, lower 0

8. 100s: upper 0, lower 4; 10s: upper 0, lower 0; 1s: upper 1, lower 2

9. 100s: upper 1, lower 1; 10s: upper 1, lower 3; 1s: upper 0, lower 0

10. 100s: upper 1, lower 4; 10s: upper 0, lower 3; 1s: upper 0, lower 4

11. 100s: upper 0, lower 2; 10s: upper 1, lower 0; 1s: upper 0, lower 0

12. 100s: upper 1, lower 2; 10s: upper 1, lower 1; 1s: upper 0, lower 1

The key lists active beads toward the beam. On each rod: 5 x active upper beads + active lower beads = that decimal digit. Inactive beads remain away from the beam.

Free for educational use: teachers may print and share the worksheets with their students.