

complementary numbers: 100

How much more do you need to add to make 100?

e.g.. $100=12+88$	1. $100=34+$	2. $100=16+$	3. $100=96+$
4. $100=84+$	5. $100=28+$	6. $100=66+$	7. $100=3+$
8. $100=25+$	9. $100=71+$	10. $100=42+$	11. $100=80+$
12. $100=37+$	13. $100=83+$	14. $100=19+$	15. $100=45+$

100 on the soroban is represented by one bead in the hundreds column (not seen here). Using just the tens and units columns, we can show numbers up to 99. When 1 is added, the tens and units columns are cleared and 1 bead moved in the hundreds column.

By reading the soroban pictured, then adding the total of the beads that are not being used and finally adding 1, pupils can make 100. In the example, the soroban reads '12'. The remaining beads read '87', so $100 = 12 + (87+1)$; $100 = 12 + 88$.