## 6. Add and subtract within 20 , demonstrating fluency for addition and

 subtraction within 10 . Use strategies such as counting on; making ten (e.g., $8+$ $6=8+2+4=10+4=14$ ); decomposing a number leading to a ten (e.g., $13-$ $4=13-3-1=10-1=9$ ); using the relationship between addition and subtraction (e.g., knowing that $8+4=12$, one knows $12-8=4$ ); and creating equivalent but easier or known sums (e.g., adding $6+7$ by creating the known equivalent $6+6+1=12+1=13$ ). [1.OA. 6 ]10. Understand that the two digits of a two-digit number represent amount of tens and ones. Understand the following as special cases: [1.NBT.2]
[ 10 can be thought of as a bundle of ten ones - called a "ten."
[ The numbers from 11 to 19 are composed of a ten and one, two, three, four, five, six, seven, eight, or nine ones.
[ The numbers 10, 20, 30, 40, 50, 60, 70, 80, 90 refer to one, two, three, four, five, six, seven, eight, or nine tens (and 0 ones).
11. Compare two two-digit numbers based on meanings of the tens and ones digits, recording the results of comparisons with the symbols >, $=$, and <. [1.NBT.3]
12. Solve word problems that call for addition of three whole numbers whose sum is less than or equal to 20, e.g., by using objects, drawings, and equations with a symbol for the unknown number to represent the problem. [1.OA.2]
13. Understand the meaning of the equal sign, and determine if equations involving addition and subtraction are true or false. For example, which of the following equations are true and which are false? $6=6,7=8-1,5+2=2+$ $5,4+1=5+2$. [1.OA.7]
14. Determine the unknown whole number in an addition or subtraction equation relating three whole numbers. For example, determine the unknown number that makes the equation true in each of the equations $8+?=11,5={ }_{-}$ $3,6+6=$ _ [1.OA. 8 ]
15. Apply properties of operations as strategies to add and subtract.

Examples: If $8+3=11$ is known, then $3+8=11$ is also known.
(Commutative property of addition.) To add $2+6+4$, the second two numbers can be added to make a ten, so $2+6+4=2+10=12$.
(Associative property of addition.) [1.OA.3]
12. Add within 100 , including adding a two-digit number and a one-digit number, and adding a two-digit number and a multiple of 10 , using 4a89.2([)-3B7(m)17ultiple,

