Turner School

Mental Computation and Problem Solving Strategies









<u>Near Doubles</u> Once instant recall of double facts has been mastered, near doubles can be explored (knowing that 8+8=16, so 8+9=17).

Near Doubles - Nearly doubles! know that 5+5=18, so 5+6=11. also know that 10+10=20, so 10+11=21.

Commutative Property

(Related Addition and Subtraction) Understanding that if you know that 70+30=100, then you also know that 30+70=100, 100-70=30, 100-30=70. Knowing one fact can help you be more flexible and apply it to other problems.



Friends of 20/100

Building on knowledge of friends of 10, students can develop instant recognition of number facts to 20 or to 100.

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12 + 8 = 20 (yell atrack) 13 + 7 = 20 14 + 6 = 20	Friends o 10+90 = 100 }	f 100 { distributions 100 { distributions 100 + 10 = 100
15+5=20 16+4=20 17+3=20	20 + 80 = 100 30 + 70 = 100 40 + 60 = 100	$\underline{80} + \underline{20} = 100$ $\underline{70} + \underline{30} = 100$
18+2=20 19+1=20	50 + 50 = 100	50 + 50 = 100

Adding or Subtracting 100

Using a strong understanding of place value (particularly, the meaning of the 'hundreds' column) to efficiently add or subtract 100 from any number.

Adding 100

$$32 + 100 = 132$$

 $68 + 100 = 168$
 $372 + 100 = 472$
 $99 + 100 = 199$
* When adding 100,
think about the
hundreds column!



If you have any questions, please do not hesitate to see your child's teacher!
