CALCULATE KU 5: There are strategies we can use to help us to calculations in our head (FSiM p 132-133)

Room:  
Date:  
Work Samples attached

<table>
<thead>
<tr>
<th>Expected Standard AC V3.0 (Year Levels)</th>
<th>AC Year 1</th>
<th>AC Year 2/3</th>
<th>AC Year 4</th>
<th>AC Year 5/6</th>
<th>AC Year 7</th>
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| Level info                            |  Carry out simple additions and subtractions using counting strategies. Eg: Counting on from the largest, counting the lot etc.... |  Perform simple addition and subtraction calculations using a range of partitioning strategies.  
  eg 24 + 37 = 20 + 30 + 11 = 61  
  Recognise the connection between addition and subtraction  
  Solve problems using efficient strategies for multiplication. (repeated addition, doubling etc...)  
  Recall addition and multiplication facts for single digit numbers.  
  (some green card strategies) |  Choose appropriate strategies for calculations involving multiplication and division.  
  They recall multiplication facts to 10 x 10 and related division facts  
  Confident with + and - calculations.  
  Able to tackle larger numbers. |  Solve simple problems involving the four operations with whole numbers using a range of strategies.  
  Check the reasonableness of answers using estimation and rounding.  
  Identify and describe factors and multiples in order to use factorising as a calculation strategy.  
  Add, subtract and multiply decimals and divide decimals where the result is rational.  
  Students calculate common percentage discounts on sale items.  
  (most green cards and some yellow strategies) |  Solve problems involving the comparison, addition and subtraction of integers  
  Solve problems involving percentages and all four operations with fractions and decimals.  
  (most yellow strategies) |

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NB: Green and yellow strategy cards refer to How Did You Do It? charts
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<th>Suggested activities to move children along</th>
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