INFORMAL MATH PROBES - GRADE 2

NUMERATION:
• Read numbers to 99 in ____/5 attempts.
• Read numbers to 999 in ____/5 attempts.
• Write numbers to 99 in ____/5 attempts.
• Write numbers to 999 in ____/5 attempts.

ADDITION:
• Add facts (sums to 20) with ____% accuracy, _____ (number) problems completed in one minute.
• Add two 2-digit numbers with no regrouping in ____/5 problems.
• Add two 2-digit numbers with regrouping in ____/5 problems.

SUBTRACTION:
• Subtract facts (from 1 to 20) with ____% accuracy, _____ (number) problems completed in one minute.
• Subtract two 2-digit numbers with no regrouping in ____/5 problems.
• Subtract two 2-digit numbers with regrouping in ____/5 problems.

TIME: (Use clock manipulative)
• Tell time by the hour in ____/5 attempts.
• Tell time by the half hour in ____/5 attempts.
• Tell the time by five minute intervals in ____/5 attempts.
• Tell time to the minute in ____/5 attempts.
• Tell and write time in notation form in ____/5 attempts.

MONEY: (Use actual coins)
• Name coins. ____/5
• Tell value of coins. ____/5
• Count coins of same value to 50 cents in ____/5 attempts.
• Count coins of different value to 50 cents in ____/5 attempts.

CLASSROOM WORK:
• Daily assignments done with an average of ____% accuracy.
• Chapter test scores range from ____% to ____% accuracy.
Name ____________________________               Date ________________

Numeration:

<table>
<thead>
<tr>
<th>13</th>
<th>71</th>
<th>42</th>
<th>89</th>
<th>56</th>
</tr>
</thead>
<tbody>
<tr>
<td>111</td>
<td>432</td>
<td>578</td>
<td>789</td>
<td>926</td>
</tr>
</tbody>
</table>

•   ____          _____  _____  _____  _____
•   ____          _____  _____  _____  _____

Addition:

Without Regrouping:

<table>
<thead>
<tr>
<th>31</th>
<th>22</th>
<th>79</th>
<th>31</th>
<th>64</th>
</tr>
</thead>
<tbody>
<tr>
<td>+38</td>
<td>+64</td>
<td>+60</td>
<td>+26</td>
<td>+21</td>
</tr>
</tbody>
</table>

With Regrouping:

<table>
<thead>
<tr>
<th>62</th>
<th>25</th>
<th>59</th>
<th>37</th>
<th>52</th>
</tr>
</thead>
<tbody>
<tr>
<td>+19</td>
<td>+95</td>
<td>+84</td>
<td>+46</td>
<td>+28</td>
</tr>
</tbody>
</table>

Subtraction:

Without Regrouping:

<table>
<thead>
<tr>
<th>85</th>
<th>92</th>
<th>55</th>
<th>76</th>
<th>88</th>
</tr>
</thead>
<tbody>
<tr>
<td>-14</td>
<td>-11</td>
<td>-32</td>
<td>-33</td>
<td>-54</td>
</tr>
</tbody>
</table>

With Regrouping:

<table>
<thead>
<tr>
<th>25</th>
<th>82</th>
<th>65</th>
<th>43</th>
<th>62</th>
</tr>
</thead>
<tbody>
<tr>
<td>-8</td>
<td>-4</td>
<td>-47</td>
<td>-28</td>
<td>-37</td>
</tr>
</tbody>
</table>
NAME _________________________________________________________________

ADDITION FACTS TEST TO TWENTY

1. 
   0 +7 2 +2 6 +2 9 +0 1 +4

2. 
   2 +5 5 +3 3 +4 3 +3 3 +7

3. 
   4 +10 5 +8 17 +2 3 +17 15 +5

4. 
   16 +3 18 +1 3 +13 6 +14 17 +2

5. 
   13 +6 12 +7 13 +6 8 +11 4 +14
NAME _________________________________________________________________

SUBTRACTION FACTS TEST TO TWENTY

1.  
   7  4  8  9  5  
    -7 -2 -2 -0 -4

2.  
    7  8  7  5  10  
     5  3  4  3  7

3.  
    16 10 17 13 19  
     2  5  2  0  5

4.  
    17 10 16 15 19  
     3  2  3  4  2

5.  
    13 17 19 11 18  
     6  7  6  1  4
Tell time by the hour:

Tell time by ½ hour:

Tell time by five minute intervals:

Tell time to the nearest minute: