

## INFORMAL MATH PROBES - GRADE 2

can

### 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 at the rate of \_\_\_\_ facts in \_\_\_\_ minutes \_\_\_\_ seconds using strategies of
- 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 at the rate of \_\_\_\_ facts in \_\_\_\_ minutes \_\_\_\_ seconds using strategies of
- Subtract 2 two digit numbers with no regrouping in \_\_\_\_/5 problems.
- Subtract 2 two digit numbers with regrouping in \_\_\_\_/5 problems.

### TIME:

- 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 \_\_\_\_/5 coins.
- Tell value of \_\_\_\_/5 coins.
- 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 \_\_\_\_% accuracy.
- Chapter test scores range from \_\_\_\_% to \_\_\_\_% accuracy.

Name \_\_\_\_\_

Date \_\_\_\_\_

Numeration:

13	71	42	89	56
111	432	578	789	926
•     _____	_____	_____	_____	_____
•     _____	_____	_____	_____	_____

**Addition:**

Without Regrouping:

31	22	79	31	64
<u>+38</u>	<u>+64</u>	<u>+60</u>	<u>+26</u>	<u>+21</u>
69	86	139	57	85

With Regrouping:

62	25	59	37	52
<u>+19</u>	<u>+95</u>	<u>+84</u>	<u>+46</u>	<u>+28</u>
81	120	143	83	80

**Subtraction:**

Without Regrouping:

85	92	55	76	88
<u>-14</u>	<u>-11</u>	<u>-32</u>	<u>-33</u>	<u>-54</u>
71	81	23	43	34

With Regrouping:

25	82	65	43	62
<u>-8</u>	<u>-4</u>	<u>-47</u>	<u>-28</u>	<u>-37</u>
17	78	18	15	25

NAME \_\_\_\_\_

ADDITION FACTS TEST TO TWENTY

1.	$\begin{array}{r} 0 \\ +7 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$	$\begin{array}{r} 9 \\ +0 \\ \hline 9 \end{array}$	$\begin{array}{r} 1 \\ +4 \\ \hline 5 \end{array}$
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2.	$\begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array}$	$\begin{array}{r} 5 \\ +3 \\ \hline 8 \end{array}$	$\begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$	$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$
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3.	$\begin{array}{r} 4 \\ +10 \\ \hline 14 \end{array}$	$\begin{array}{r} 5 \\ +8 \\ \hline 13 \end{array}$	$\begin{array}{r} 17 \\ +2 \\ \hline 19 \end{array}$	$\begin{array}{r} 3 \\ +17 \\ \hline 20 \end{array}$	$\begin{array}{r} 15 \\ +5 \\ \hline 20 \end{array}$
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4.	$\begin{array}{r} 16 \\ +3 \\ \hline 19 \end{array}$	$\begin{array}{r} 18 \\ +1 \\ \hline 19 \end{array}$	$\begin{array}{r} 3 \\ +13 \\ \hline 16 \end{array}$	$\begin{array}{r} 6 \\ +14 \\ \hline 20 \end{array}$	$\begin{array}{r} 17 \\ +2 \\ \hline 19 \end{array}$
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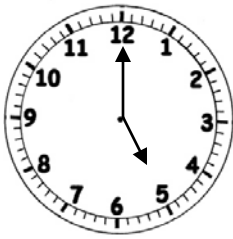
5.	$\begin{array}{r} 13 \\ +6 \\ \hline 19 \end{array}$	$\begin{array}{r} 12 \\ +7 \\ \hline 19 \end{array}$	$\begin{array}{r} 13 \\ +6 \\ \hline 19 \end{array}$	$\begin{array}{r} 8 \\ +11 \\ \hline 19 \end{array}$	$\begin{array}{r} 4 \\ +14 \\ \hline 18 \end{array}$
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NAME \_\_\_\_\_

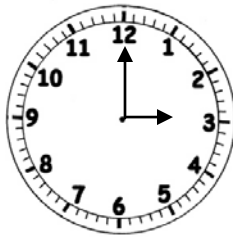
SUBTRACTION FACTS TEST TO TWENTY

- |    |   |   |   |   |   |
|----|---|---|---|---|---|
| 1. | $\begin{array}{r} 7 \\ - 7 \\ \hline 0 \end{array}$   | $\begin{array}{r} 4 \\ - 2 \\ \hline 2 \end{array}$   | $\begin{array}{r} 8 \\ - 2 \\ \hline 4 \end{array}$   | $\begin{array}{r} 9 \\ - 0 \\ \hline 9 \end{array}$   | $\begin{array}{r} 5 \\ - 4 \\ \hline 1 \end{array}$   |
| 2. | $\begin{array}{r} 7 \\ - 5 \\ \hline 2 \end{array}$   | $\begin{array}{r} 8 \\ - 3 \\ \hline 5 \end{array}$   | $\begin{array}{r} 7 \\ - 4 \\ \hline 3 \end{array}$   | $\begin{array}{r} 5 \\ - 3 \\ \hline 2 \end{array}$   | $\begin{array}{r} 10 \\ - 7 \\ \hline 3 \end{array}$  |
| 3. | $\begin{array}{r} 16 \\ - 2 \\ \hline 14 \end{array}$ | $\begin{array}{r} 10 \\ - 5 \\ \hline 5 \end{array}$  | $\begin{array}{r} 17 \\ - 2 \\ \hline 15 \end{array}$ | $\begin{array}{r} 13 \\ - 0 \\ \hline 13 \end{array}$ | $\begin{array}{r} 19 \\ - 5 \\ \hline 14 \end{array}$ |
| 4. | $\begin{array}{r} 17 \\ - 3 \\ \hline 14 \end{array}$ | $\begin{array}{r} 10 \\ - 2 \\ \hline 8 \end{array}$  | $\begin{array}{r} 16 \\ - 3 \\ \hline 13 \end{array}$ | $\begin{array}{r} 15 \\ - 4 \\ \hline 11 \end{array}$ | $\begin{array}{r} 19 \\ - 2 \\ \hline 17 \end{array}$ |
| 5. | $\begin{array}{r} 13 \\ - 6 \\ \hline 7 \end{array}$  | $\begin{array}{r} 17 \\ - 7 \\ \hline 10 \end{array}$ | $\begin{array}{r} 19 \\ - 6 \\ \hline 13 \end{array}$ | $\begin{array}{r} 11 \\ - 1 \\ \hline 10 \end{array}$ | $\begin{array}{r} 18 \\ - 4 \\ \hline 14 \end{array}$ |

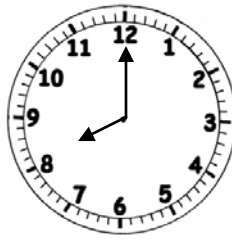
Tell time by the hour:



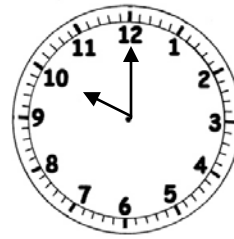
5:00



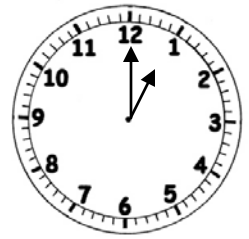
3:00



8:00



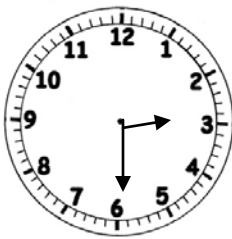
10:00



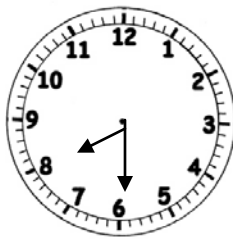
1:00

/5

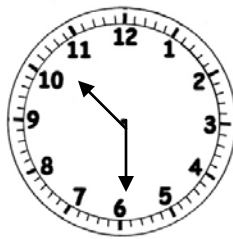
Tell time by  $\frac{1}{2}$  hour:



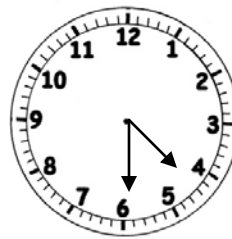
2:30



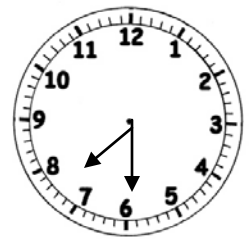
7:30



10:30



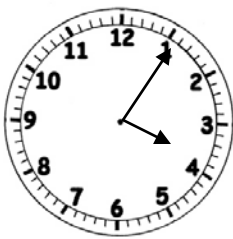
4:30



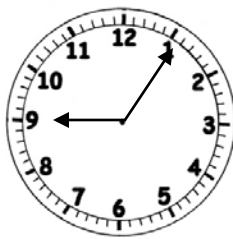
7:30

/5

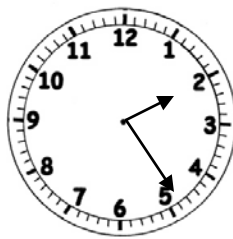
Tell time by five minute intervals:



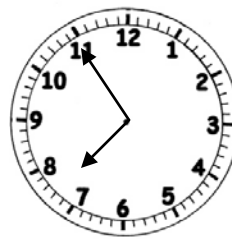
4:05



9:05



2:25



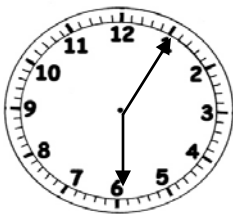
7:55



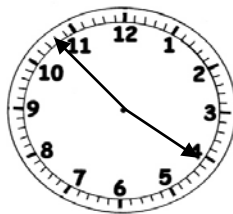
12:20

/5

Tell time to the nearest minute:



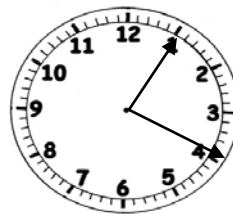
6:06



3:53



7:03



1:19



8:12

/5