

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, ____ (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 ____%, ____ (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:

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>

With Regrouping:

62	25	59	37	52
<u>+19</u>	<u>+95</u>	<u>+84</u>	<u>+46</u>	<u>+28</u>

Subtraction:

Without Regrouping:

85	92	55	76	88
<u>-14</u>	<u>-11</u>	<u>-32</u>	<u>-33</u>	<u>-54</u>

With Regrouping:

25	82	65	43	62
<u>-8</u>	<u>-4</u>	<u>-47</u>	<u>-28</u>	<u>-37</u>

NAME _____

ADDITION FACTS TEST TO TWENTY

1.

$$\begin{array}{r} 0 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ +0 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 2 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 4 \\ +10 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +17 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ +5 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 16 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 18 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +13 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +14 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ +2 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 13 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 12 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +11 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +14 \\ \hline \end{array}$$

NAME _____

SUBTRACTION FACTS TEST TO TWENTY

1.

$$\begin{array}{r} 7 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 16 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 17 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 13 \\ -0 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ -5 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 17 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 16 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 15 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 19 \\ -2 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 13 \\ -6 \\ \hline \end{array}$$

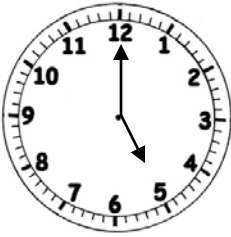
$$\begin{array}{r} 17 \\ -7 \\ \hline \end{array}$$

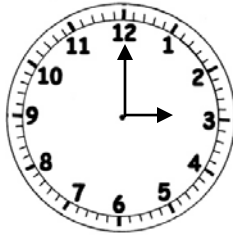
$$\begin{array}{r} 19 \\ -6 \\ \hline \end{array}$$

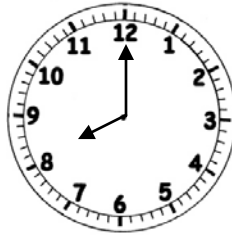
$$\begin{array}{r} 11 \\ -1 \\ \hline \end{array}$$

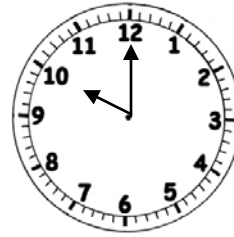
$$\begin{array}{r} 18 \\ -4 \\ \hline \end{array}$$

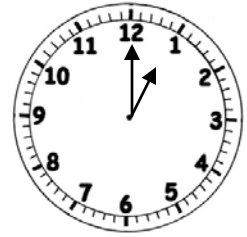
Tell time by the hour:





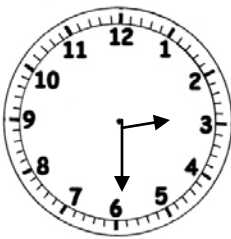


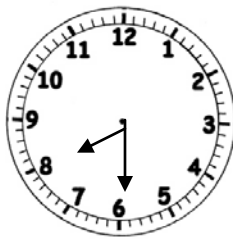


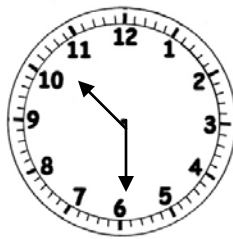


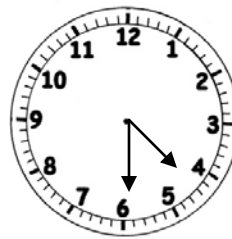
/5

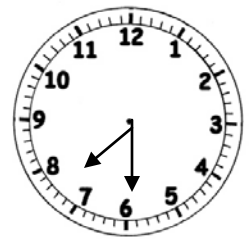
Tell time by $\frac{1}{2}$ hour:





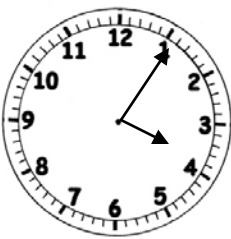


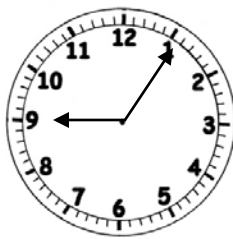


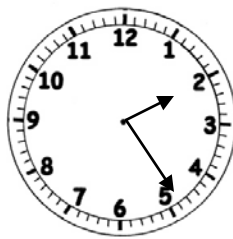


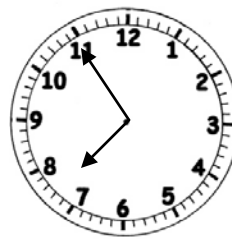
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Tell time by five minute intervals:





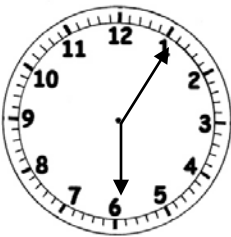






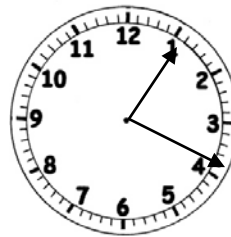
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Tell time to the nearest minute:











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