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 |
| +38 | +64 | +60 | +26 | +21 |

With Regrouping:

| | | | | |
|---|---|---|---|---|
| 62 | 25 | 59 | 37 | 52 |
| +19 | +95 | +84 | +46 | +28 |

**Subtraction:**

Without Regrouping:

| | | | | |
|---|---|---|---|---|
| 85 | 92 | 55 | 76 | 88 |
| -14 | -11 | -32 | -33 | -54 |

With Regrouping:

| | | | | |
|---|---|---|---|---|
| 25 | 82 | 65 | 43 | 62 |
| -8 | -4 | -47 | -28 | -37 |

NAME _____

ADDITION FACTS TEST TO TWENTY

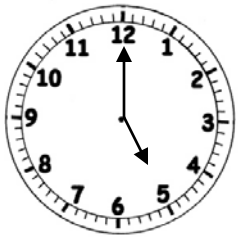
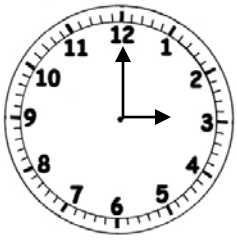
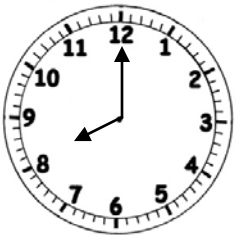
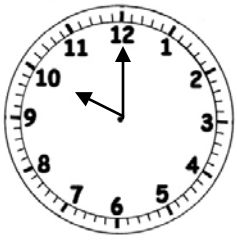
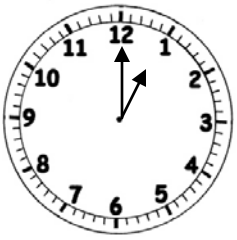
| | | | | | |
|---|---|---|---|---|---|
| 1. | 0<br>+7 | 2<br>+2 | 6<br>+2 | 9<br>+0 | 1<br>+4 |
| 2. | 2<br>+5 | 5<br>+3 | 3<br>+4 | 2<br>+3 | 3<br>+7 |
| 3. | 4<br>+10 | 5<br>+8 | 17<br>+2 | 3<br>+17 | 15<br>+5 |
| 4. | 16<br>+ 3 | 18<br>+ 1 | 3<br>+13 | 6<br>+14 | 17<br>+ 2 |
| 5. | 13<br>+ 6 | 12<br>+ 7 | 13<br>+ 6 | 8<br>+11 | 4<br>+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 |

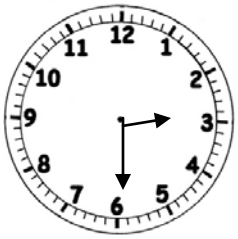
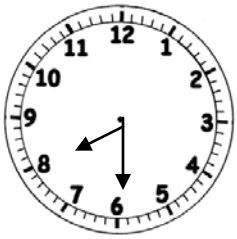
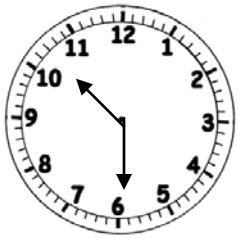
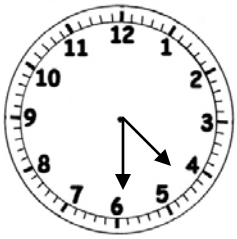
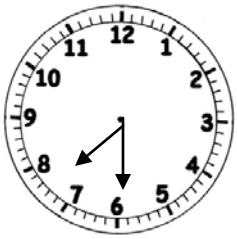
Tell time by the hour:

_____ _____ _____ _____ _____

/5

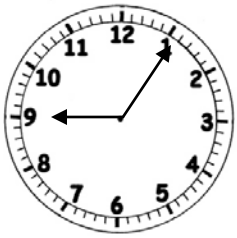
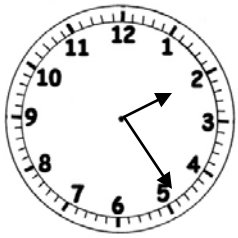
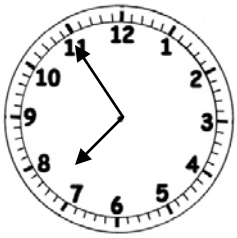
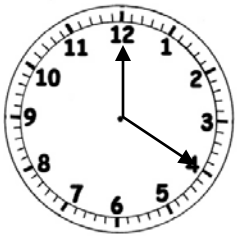
Tell time by ½ hour:

_____ _____ _____ _____ _____

/5

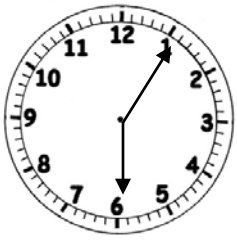
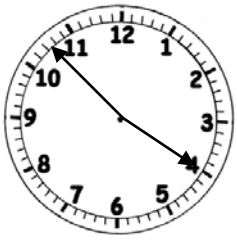
Tell time by five minute intervals:

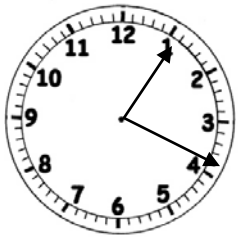





_____ _____ _____ _____ _____

/5

Tell time to the nearest minute:



_____ _____ _____ _____ _____

/5