



**CGI Math TLC Assessment of Math Understanding:
Second Grade**

Information about this assessment is provided at: <https://www.cgimath-tlc.org/blog/cgi-math-tlc-assessments-of-math-understanding>

Second Grade

1. Our class had 50 pencils. We lost 21 of them. How many pencils do we have now?
Don't change the numbers during the year to see if students' strategies get more sophisticated.
2. I have 39 books. How many more books would I need to get to have 42 books all together?
More accessible numbers, if needed: 19, 22
More challenging numbers for later in the year, if needed: 98, 103
3. I have 8 buckets with 10 rocks in each bucket. How many rocks do I have?
More challenging numbers for later in the year, if needed: 14, 10 32, 10
4.
$$\begin{array}{r} 61 \\ - \underline{59} \end{array}$$

Give the problem above in this form at the beginning, middle and end of the year.
We aren't expecting students to get the right answer in the beginning of the year.
That's ok.

5. $378 + 689 - 689 = n$

Name _____

Solve each problem and show how you solved it.

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-
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Name _____

Solve each problem and show how you solved it.

3. I have 8 buckets with 10 rocks in each bucket. How many rocks do I have?

4. 61
 - 59

Name _____

Solve this problem and show how you solved it.

5. $378 + 689 - 689 = n$

Name _____

1. I am good at math.

YES

KINDA

NOT REALLY

NO

2. I can figure out how to solve math problems by myself.

USUALLY

SOMETIMES

SELDOM

NEVER

3. When I grow up, I want to have a job where I use math.

YES

MAYBE

PROBABLY NOT

NO