



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

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

**Third Grade**

1. I have 98 books. How many more books would I need to get to have 105 books all together?
2. I have 14 buckets with 10 rocks in each bucket. How many rocks do I have?  
More challenging numbers for later in the year, if needed: 32, 10
3. Our class had 92 pencils. We lost 35 of them. How many pencils do we have now?  
More challenging numbers for later in the year, if needed: 234, 68
4. 4 people want to share 5 cookies so that each person gets the same amount and there are no left overs. How much cookie should each person get?  
Pay attention to how the student shows you their answer: with a picture; with words; with fraction symbols?

5.        61  
      -    59

Give the problem above in this form at the beginning of the year.

6.        301  
      -    298

Give the problem above in this form at the middle and end of the year.

7.  $378 + 689 = 689 + n$



Name \_\_\_\_\_

Solve each problem and show how you solved it.

1. I have 98 books. How many more books would I need to get to have 105 books all together?

- 
2. I have 14 buckets with 10 rocks in each bucket. How many rocks do I have?

Name \_\_\_\_\_

Solve each problem and show how you solved it.

3. Our class had 92 pencils. We lost 35 of them. How many pencils do we have now?

- 
4. 4 people want to share 5 cookies so that each person gets the same amount and there are no left overs. How much cookie should each person get?

Name \_\_\_\_\_

Solve each problem and show how you solved it.

$$\begin{array}{r} 5. \quad 61 \\ - \quad \underline{59} \end{array}$$

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$$\begin{array}{r} 6. \quad 301 \\ - \quad \underline{298} \end{array}$$

Name \_\_\_\_\_

Solve this problem and show how you solved it.

7.  $378 + 689 = 689 + n$

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