CGI Math

Teacher Learning Center

Every Student has the Right and the Ability to Understand Mathematics

CGI Math TLC Assessment of Math Understanding:
Fifth Grade

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

1. I have 498 books. How many more books would I need to get to have 505 books all together?
   More challenging numbers, if needed: 2,995   3,015

2. I have 32 buckets with 10 rocks in each bucket. How many rocks do I have?
   Numbers for later in the year, if needed: 78, 10   427, 10

3. 4 people want to share 7 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?

4. I have 6 large brownies. If I eat ¾ of a brownie each day, how many days will it take me to eat all 6 brownies?

5. Sasha had 5½ pounds of candy. She gave ¾ of a pound of candy to her sister. How many pounds of candy does Sasha have left?

6.   3001
   -   2998

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

7. How many groups of ten are there in 467?

8. I have 12 pounds of fudge. If I eat 1/10 of a pound of fudge a day, how long will it take me to eat 12 pounds of fudge?

9.   100,000
      <u>-   2</u>

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

10. 87 2/3 + 49 5/8 = 87 5/8 + n

Name _____

Solve each problem and show how you solved it.

1. I have 498 books. How many more books would I need to get to have 505 books all together?

_____

2. I have 32 buckets with 10 rocks in each bucket. How many rocks do I have?

Name _____

Solve each problem and show how you solved it.

3. 4 people want to share 7 cookies so that each person gets the same amount and there are no left overs. How much cookie should each person get?

_____

4. I have 6 large brownies. If I eat $\dfrac{3}{4}$ of a brownie each day, how many days will it take me to eat all 6 brownies?

Name _____

Solve each problem and show how you solved it.

5. Sasha had $5\frac{1}{2}$ pounds of candy. She gave $\frac{3}{4}$ of a pound of candy to her

sister. How many pounds of candy does Sasha have left?

_____

6.   3001
      -   2998

Name _____

Solve each problem and show how you solved it.

7. How many groups of ten are there in 467?

_____

8. I have 12 pounds of fudge. If I eat 0.1 of a pound of fudge a day, how long will it take me to eat 12 pounds of fudge?

Name _____

Solve each problem and show how you solved it.

9.   100,000
      - _____2

---

10. $87\dfrac{2}{3} + 49\dfrac{5}{8} = 87\dfrac{5}{8} + $ 🍎

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