



CBE Assessment

Performance Assessment MA.6.20

Mix It Up Munchies

Grade 6

STUDENT BOOKLET

Name: ADAM BOWE

Teacher: MCEVOY

School: OMS

Date: 3/6/25

ACKNOWLEDGEMENTS

The scoring rubrics shown in this booklet are adapted from those developed by the Center for Assessment, under Creative Commons license Attribution 4.0 International (CC BY 4.0)



This work is licensed under the Creative Commons Attribution-NonCommercial 4.0 International License. To view a copy of this license, visit <http://creativecommons.org/licenses/by-nc/4.0/> or send a letter to Creative Commons, PO Box 1866, Mountain View, CA 94042, USA.

MIX IT UP MUNCHIES

Today, you will be participating in an assessment that will give you feedback about how well you understand adding, subtracting, multiplying, and dividing multi-digit decimals. There are four tasks in this assessment on pages 3 through 6.

Task 1, on page 3, will ask you to add up the cost of items in your shopping cart.

Task 2, on page 4, will ask you to use subtraction to figure out how much money you have remaining.

Task 3, on page 5 will ask you to multiply to find the total cost of bulk candy based on the amount purchased.

Task 4, on page 6, will ask you to divide to split up money between your friends.

These tasks will be measuring your skill in using standard algorithms to solve multi-digit decimal problems.

You will have 30 minutes to complete the assessment. Be sure to carefully read each task to understand exactly what they are asking you to do. You must print darkly as these assessments will be scanned. Be sure to show all of your work.

The Teacher Scoring Rubric that will be used to evaluate your calculations and reasoning is shown below. Be sure to review the Exceeding Expectations column.

Teacher Scoring Rubric—Student Version			
Dimensions	Not Yet Meeting Expectations	Meeting Expectations	Exceeding Expectations
Concepts and Procedures	I can solve part of the problem, but I am confused in some places and have calculation mistakes.	I can solve the problem using strategies that make sense, but make a few calculation mistakes.	I can solve the problem efficiently and accurately using strategies that make sense, without any calculation mistakes.

You will have 30 minutes to complete this performance assessment. Do you have any questions about what you are expected to do?

Now, turn to page 3. You may now begin.

When time is up, please put your pencil down and close your booklet with the cover facing up.

STUDENT MATERIALS**MIX IT UP MUNCHIES**

Mix it Up Munchies is a new convenience store in town. You are planning on having a slumber party next week and can't wait to shop there. In preparation for the party, you have saved \$100 to spend at the store.

Task One: Addition

What is the total price of the items in your shopping cart? Show all your work.

Shopping Cart:

1 bag of chips	\$5.49
1 bucket of bubble gum	\$11.28
1 case of water	\$4.99
1 box of popsicles	\$4.33
1 extra-large bag of popcorn	\$8.61

$$\begin{array}{r}
 223 \\
 11.28 \\
 5.49 \\
 + 4.99 \\
 4.33 \\
 8.61 \\
 \hline
 34.70
 \end{array}$$

Total cost: 34.70

TASK 2 – SUBTRACTION

Task Two: Subtraction

You decide to add a few extra items into your cart before you pay. The new total of your shopping trip, with the additional items is \$42.13. How much money will you have leftover if you began with \$100? Show your work.

$$\begin{array}{r} 100.0 \\ - 42.13 \\ \hline \end{array}$$

$$\begin{array}{r} 0 \\ 100.00 \\ - 42.13 \\ \hline 57.87 \end{array}$$

Total amount of money left 57.87

TASK 3 – MULTIPLICATION

Task 3: Multiplication

On your way out of the store you see a barrel full of candy. The sign says that it is \$4.59 per pound, so you decide to fill a bag. You put your bag on the scale, and it says it weighs 3.8 pounds. What is the total cost of the bag of candy? Round to the nearest hundredth. Show your work.

$$\begin{array}{r}
 3.8 = 4 \\
 4.59 \\
 \times 4 \\
 \hline
 18.36
 \end{array}
 \quad
 \begin{array}{r}
 4.59 \\
 \times 4 \\
 \hline
 18.36
 \end{array}$$

Total cost of candy: 18.36

TASK 4 – DIVISION

Task 4: Division

You had so much fun shopping at Mix It Up Munchies that you decided to take your friends the night of the slumber party. Your parents decide to give you some additional money, so your new total to split between the eight of you is \$78.14. Rounding to the nearest hundredth, what is the amount of money each person can spend? Show all your work using long division.

~~78.14~~ $78.14 \approx 78$

$$\begin{array}{r} 9 \\ 8 \overline{) 78} \\ \underline{72} \\ 6 \end{array}$$

$(9\$)$