

MATH 6

Distance Learning 2020

Name: _____

Math 6
Period _____

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Menu Math 2

Today we are going to make these problems a little more interesting for you. To start, we are going to give you a story and ask you to write the order as an expression. Then, you'll substitute in values from the menu and evaluate (solve) each expression.

Let's do the first together:

EX: I'd like four hamburgers, six orders of French fries, a large soda, two medium sodas, and an extra large soda.

Menu Math

Hamburger.....	\$1.85
Cheeseburger.....	\$2.15
Fries.....	\$1.05
Sodas:	
Small.....	\$.95
Medium.....	\$1.25
Large.....	\$1.55
Extra Large.....	\$2.05

Expression: $4h + 6f + 2m + 1x$

Sub in values: $(4 \cdot 1.85) + (6 \cdot 1.05) + (2 \cdot 1.25) + (1 \cdot 2.05)$

Evaluate: $\begin{array}{r} 7.40 + 6.30 + 2.50 + 2.05 \\ \hline 13.70 + 4.55 \end{array}$

Solve: \$18.25



Now YOU TRY: SHOW ALL WORK, PLEASE

- I want three cheeseburgers, one hamburger, a small soda, two fries, a medium soda, and another hamburger.

Write an expression:

Sub in values:

Evaluate:

2. I want a cheeseburger and an order of fries with a medium soda, my son wants two hamburgers, an order of fries, and a medium soda, and my daughter wants a cheeseburger, an order of fries and a large soda. Oh yes, my husband wants two orders of fries, a cheeseburger and a large soda.



Write an expression:

Sub in values:

Evaluate:

3. Let's see... I think I'd like three hamburgers and a cheeseburger, three fries, a large soda, two medium sodas, and an extra large soda. Add another order of fries on that, and make one of those hamburgers another cheeseburger.

Write an expression:

Sub in values:

Evaluate:



Different members of the same family placed the following orders. Simplify the orders by combining like items. You do not need to evaluate the orders.

$$4. (2h + f) + (c + f + s) + (h + m + f) =$$



$$5. (x + c) + (2f + c + x) + (m + 2f + c) =$$

$$6. (h + x + f) + (h + x + f) + (h + x + f) =$$

$$7. (3h + m) + (2c + f + m) + (c + m + 2f) =$$