

Name :

Date: ___/9/19

Order of operations

PEMDAS



Brackets

Pop?
quiz

Week 39

$$\text{MYP } \{[3 + 4 \times (6 - 3 \times 2)] \div 3\} + 1$$

Pop quiz



1. Do the following operations:

a. $7 + 3 \times 2 + 3 =$

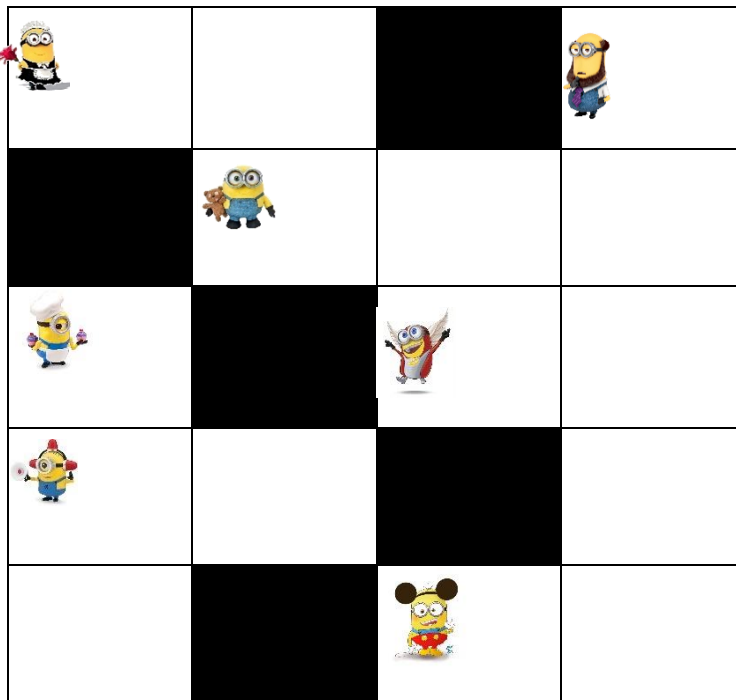
b. $2 + 3 \times 7 + 12 \div 4 - 1 =$

c. $20 - (2 + 3 \times 5 + 3) =$

d. $(10 + 5) \times 3 - 4 \times (2 + 3) \div 2$

e. $[8 \div (5 - 3) - 4 \times (6 - 5)] =$

2. Solve the crossword puzzle



Across



$(6 \times 5 + 1) + 5^2 - 1$



$9 \times 100 + 8 \times 5$



$9 \times 9 - 8 \times 8$



$3 \times (2 + 20) \div 6$



$43 - 3 \times 11 + 8 \div 2$

Down



$100 \times 100 + 100 + 4 \div 2 + 2$



$(1 + 5 + 50) \times 2$

3. "Bazooka" Dave (the minion) wrote this story as part of a project in a literature class.

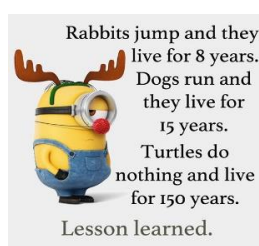
"Four friends were playing in the park. They were having a great day because it was the weekend. Later, two more of their friends from their neighbourhood joined them. Now there were six friends in the park.

Another group of six kids saw the group of six playing and asked if they could join to make two teams. Everyone agreed and now there were twice as many people playing; this made the game more competitive. Everyone was out to win. The group stayed in the park long after the game was over, just talking about their favourite topics.

As it was getting later, everyone was tired and hungry. When they were ready to go home, the large group of 12 friends divided into 4 groups. Each group had the same number of kids. This way, 4 groups of 3 kids walked each other home."

When Stuart (the minion) read this he said: "That's not literature! It's math. Your story is just a simple mathematical PEMDAS expression. Why use so many words when you can simply write $(4 + 2) \times 3 \div 4$."

Is Stuart right? If not, can you write the correct expression?



Time to complete the pop quiz: **40 minutes**