




THIS IS OUR CLASS' REQUIRED WAY TO DO EVERY O.O.O. PROBLEM

-  Vertically # each step as 1st 2nd 3rd etc. (*no combining of steps*)
-  Use “loops” for each math action
-  **Box** your final answer

P.E.M.D.A.S.

Find the value of the expression

$$2 \times (3 + 1) + 3^2$$

1st)

$$2 \times 4 + 3^2$$

2nd)

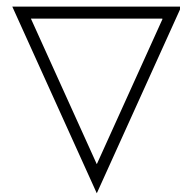
$$2 \times 4 + 9$$

3rd)

$$8 + 9$$

4th)

17



(This would be considered a “4 Step” problem)

Name: _____ math H.W. Order Of Operations 1st night

READ the Directions: P.E.M.D.A.S.

- 1) Copy each problem correctly in your notebook, or on separate paper as you do them.
- 2) Follow our O.O.O. class requirements (see back!): **Number your steps vertically one step at a time, use loops, and box your final answer.**
- 3) Any student not following the steps for order of operation's problems will have to do them over at lunch time our required way. Calculator can be used for the SELF CHECK.

Evaluate the Expressions

A $(14 + 7) \times 8$

B $(612 - 312) \div (4 + 2)$

C $64 \div (2 \times 4^2)$

SELF CHECK
Answers A through C
have a sum of
220

D $3 + 6 \times 5^2$

E $13 + (18 - 2^2) \times 4 + 45$

F $(34.7 + 8.30) - 3 \times 2 + 3$

SELF CHECK
Answers D through F
have a sum of
307

G $(8 \times 5) - 4^2 + (13 \times 9)$

H $2 + 5^3 - 25 \times 5 + 139 \times 0$

I $2^4 + (6^2 \div 6) - 18 \div 2$

SELF CHECK
Answers G through I
have a sum of
156

J $6 + 5^2 \times 2^2$

K $49 \div 7 \times (35 \div 5)$

L $(2^3 \times 5) - 6$

SELF CHECK
Answers J through L
have a sum of
189

Don't forget to check the WINNER of the 2023 Order of Operations Contest on the Hoffkids homepage under CHECK IT OUT. And congratulate the winner (who won by just 1 vote!)