ALGEBRA, i.e. use of containers
whose value inside may vary
@company: USBONG
@author: SYSON, MICHAEL B.
@date created: 20201109
@last updated: 20220304; from 20210702
@website address: http://www.usbong.ph

ALGEBRA SKILL LEVEL 1:
INPUTS:
X = 250 //ITEM PRICE
V = 12% //VALUE ADDED TAX (VAT)
Q = ? //ITEM PRICE WITH VAT

TANONG: WHAT IS ITEM PRICE WITH VAT?
SAGOT:

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SAGOT:

ALGEBRA SKILL LEVEL 2:
INPUTS:
X = ? //ITEM PRICE
V = 12% //VALUE ADDED TAX (VAT)
Q = 364 //ITEM PRICE WITH VAT

TANONG: WHAT IS ITEM PRICE WITHOUT VAT?
SAGOT:

ALGEBRA SKILL LEVEL 2:
INPUTS:
X = ? //ITEM PRICE
V = 12% //VALUE ADDED TAX (VAT)
Q = 364 //ITEM PRICE WITH VAT

TANONG: WHAT IS ITEM PRICE WITHOUT VAT?
SAGOT:

ALGEBRA SKILL LEVEL 3:
INPUTS:
S = 600K //EXCESS STOCK IN WAREHOUSE (JAPAN)
D = 180 //IN USD OF EACH STOCK
L = ? //LOSS
NOTES:
1) USD = UNITED STATES DOLLAR
2) PHP = PHILIPPINE PESO
3) USD1 : PHP54

TANONG#1: WHAT IS THE LOSS IN PHP?
TANONG#2: WHAT IS THE LOSS IN PHP IF WE
SET USD1 : PHP0.50?
SAGOT:

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ALGEBRA SKILL LEVEL 4:
TECHNIQUE・METHOD:
P = 1/((A/B)^2)

INPUTS:
P = 1.78 //PRICE ELASTICITY: PlayStation Sales
A = 10K //NEW PRICE Results
B = ? //PREV PRICE

NOTES::
1) P<1 = necessity, i.e. people buy with less
and less regard for price;
example (at present): insulin medicine
2) Halimbawa: Year 2020, Filipino family
bumibili ng PlayStation 4 Console
+ Minecraft Dungeons @PHP10K
TANONG: WHAT SHOULD THE PREV PRICE BE
TO ACHIEVE NEW PRICE OF 10K?
SAGOT:

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SAGOT:

ALGEBRA SKILL LEVEL 5:
TECHNIQUE・METHOD:
P = 1/((A/B)^2)

INPUTS:
P = 1.78 //PRICE ELASTICITY: PlayStation Sales
A = ? //NEW PRICE Results
B = 17800 //PREV PRICE

TANONG: WHAT IS THE NEW PRICE?
SAGOT:

ALGEBRA SKILL LEVEL 5:
TECHNIQUE・METHOD:
P = 1/((A/B)^2)

INPUTS:
P = 1.78 //PRICE ELASTICITY: PlayStation Sales
A = ? //NEW PRICE Results
B = 17800 //PREV PRICE

TANONG: WHAT IS THE NEW PRICE?
SAGOT: