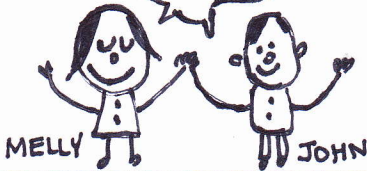


CARDS & MATH

3 ÷ 4 < 1 +
300 00 2 x 5

HELLO!



MELLY

JOHN

-MS10204

김연주 Kim

Yeon Joo

①



Melly,
You don't know
how to do
prime factoris-
-ation, do you?
Haha!



②

Well, I think
You're the one
who knows! Prime
factorization is putting
a natural number
into a product of
prime numbers.



③

Now,
do you
get it?

Gee!
It's too hard
for me-!



④

I'll help you.~
Take the number
300 for example.



⑤

Look
Here.



$$\begin{array}{r} 2 \overline{) 300} \\ 2 \overline{) 150} \\ 3 \overline{) 75} \\ 5 \overline{) 25} \\ 5 \end{array}$$

Prime
factori-
-zation

⑥



Ah Ha! Then
300 is
 $2^2 \times 3 \times 5^2$!

⑦

Exactly! To make it
easier, if you have 2 car-
-ds of each '2' & '5'
and one card for
'3', you can
make 300!



⑧

Yeah!.. Um.. I was
waiting to ask you this
but.. would you
like to play a
card game?



⑨



whew!!!

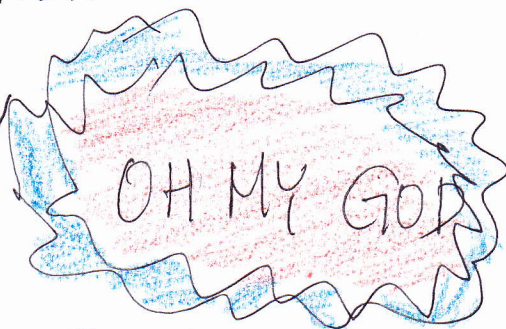
In 'Mathematics' Planet...
in Math High School



A notice about math Quiz
was attached in the
bulletin board.

Quiz!!
Date. June 8th.
Study hard on
matrix!!

MS10215. EnnSeo Lee



EnnSeo didn't know any
about how to calculate
so u.s. she had to give up



and she found a good idea!!!
She chose to go to her classmates
and ask for some help.

A few days later

Question
Calculate.

$$3 \begin{bmatrix} 1 & 3 & 6 \\ 6 & 5 & 7 \\ 9 & 5 & 7 \end{bmatrix} - 9 \begin{bmatrix} 1 & 9 & 3 \\ n & 6 & 1 \\ n & 5 & 6 \end{bmatrix} \cdot 3$$

EnnSeo was
completely shocked

Hard

Solve

If the columns and rows
don't fit the form (2 matrices
should have same columns and
amount of rows.
In this case, you might
be able to calculate this
one!!

After thinking, she wrote her answer down

$$\begin{bmatrix} 21 & 39 & 18 \\ 18 & 15 & 21 \\ 21 & 15 & 21 \end{bmatrix} - \begin{bmatrix} 9 & 81 & 27 \\ 63 & 54 & 9 \\ 63 & 54 & 0 \end{bmatrix} \cdot 3$$

$$3 \begin{bmatrix} 12 & -42 & -9 \\ -45 & -39 & 12 \\ -36 & -30 & 21 \end{bmatrix} = \begin{bmatrix} 36 & -126 & -27 \\ -135 & -117 & 36 \\ -108 & -90 & 63 \end{bmatrix}$$

First, multiply those two
matrices each by 3 and 9, then
subtract those two. Next, you'll
have to multiply the final one.
And it's over!!

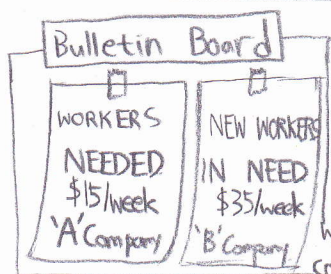
And finally,

Mr. Joselson gave A+ on
her homework grade



JIAN PARK





What company will you apply? 'B' certainly

Why?

They give more money!

SEVERAL MONTHS LATER...

I heard 'A' gives more.

Anyway I believe the bulletin!

You get more money, buy me some food!

Actually, I'm broke! I've no money!

'A' company worker

'B' company worker

Actually, 'A' company's wage was median, and 'B's was mean, including our supervisor's wage.

Why?

Then let's just eat instant food Good!

FAMILY MA

OPEN

Measure of Central Tendency

3 ways of measuring central tendency

① Median : Outlier O

② Mean : Outlier X

③ Mode : Nonnumerical

So tragic...

Yeah...