

PROPERTIES

California Standard 6AF1.3 – Apply algebraic order of operations and the commutative, associative, and distributive properties to evaluate expressions; and justify each step in the process.

Chorus

I'm all about my property
My mathematical properties
I'm all about my property
Just like Monopoly
There's Identity and Associative
We got Commutative and Distributive
That's just the way it is, you gotta learn it kids

Verse 1

First one up, and that's Commutative
It's goes $a + b = b + a$
That's like $8 + 3 = 3 + 8$
Or $8 \times 3 = 3 \times 8$
Just put it in a different order
Now Associative can't wait

Chorus

Verse 2

Next one up, and that's Associative
It goes $a + (b + c) = (a + b) + c$
All we did was move the parenthesis

I need you to learn this conceptually,
Now Identity is easy, class please believe me
Example $3 + 0 = 3$ and $3 \times 1 = 3$
I told it was easy
From Mr. Q-U-Easy
I know identity, see

Chorus

Verse 3

Last one up, and that's Distributive
It goes $a(b + c) = ab + ac$
Or $a(b - c) = ab - ac$
Here is an example of what you need to do
Try $4(6+2)$
That's $4(6) + 4(2)$
 $24 + 8$
The answer is 32

Chorus

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