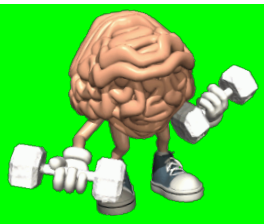
Curriculum Outcome

(N1) Demonstrate an understanding of powers with integral bases (excluding base 0) and whole number exponents by: representing repeated multiplication using powers; using patterns to show that a power with an exponent of zero is equal to one; solving problems involving powers.

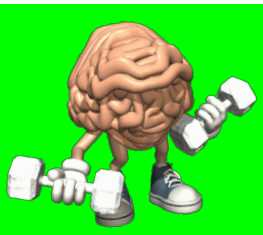
(N2) Demonstrate an understanding of operations on powers with integral bases (excluding base 0) and whole number exponents.

Student Friendly:
“Powers of tens and the ZERO exponent"

Go Over Homework



Warm Up



1) Write the following using powers of ten

A) 798 209

B) Six hundred thousand twenty two

2) Write in standard form

a) $(8 \times 10^2) + (3 \times 10^7) + (2 \times 10^5) + (9 \times 10^0) + (6 \times 10^3)$

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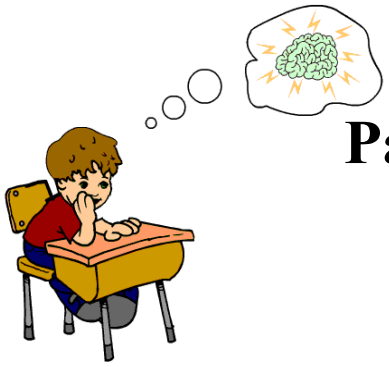
PRACTICE TIME



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 # 4(a, b)
 # 5(a, b, c, d)
#6(a, c, e)
#8(a, c, e)
#9(a, c, e)
#10 all
#11
#13