## Notes



Be prescriptive and directive, tell student what to write and where to write it. Those directions ensure white space and no visual overload so students can study more effectively and efficiently.

Notes should support and reflect instruction.

Should include a title, date, objective, identifications, vocabulary & notation, how to say it, pattern or concept development that lead to rules, formulas, procedures, examples using the rules, guided practice, and variations with explanations.

## EXPONENTIALS

1/2 OBJ: TO SIMPLIFY EXPONENTIALS BEING MULTIPLIED BY THE SAME BASE EXPONENT- TELLS YOU HOW MANY TIMES TO USE THE BASE AS A FACTOR - EXPONENT BASE 23, READ 2 to the THIRD DOWER or 2 cubed BY DEFINITION; 23 = 2.2.2 EK. SIMPLIFY IN STANDARD FORM - 34 34 = 3.3.3.3 EX. SIMPLIFY IN EXPONENTIAL FORM 23.24 (2.2.2). (2.2.2.2) HOW MANY TIMES IS 2 BEING USED AS A PACTOK? - 7 times. 23.24 = 27

7.74 = 71.74

WHEN YOU MULTIPLY EXPONENTIALS WITH THE SAME BASE, YOU ADD THE EXPONENTS