#1 2^4 ← EXPONENT "POWER"

$= 2 \cdot 2 \cdot 2 \cdot 2$

$= 16$

#2 $(-3)^3$

$(-3)(-3)(-3)$

$9(-3)$

-27

NOTE: EXPONENT ONLY AFFECTS WHAT IS TO ITS IMMEDIATE LEFT UNLESS THERE IS PARENTHESIS, THEN IT AFFECTS EVERYTHING INSIDE THE PARENTHESIS

#3 -2^4

$-2 \cdot 2 \cdot 2 \cdot 2$

-16

#4 $\left(-\frac{2}{3}\right)^2$

$\left(-\frac{2}{3}\right)\left(-\frac{2}{3}\right)$

$\frac{4}{9}$

ORDER OF OPERATIONS

Please : PARENTHESIS, BRACKETS, ABSOLUTE VALUES

Excuse : EXPONENTS

My Dear) MULTIPLY OR DIVIDE AS YOU ENCOUNTER EITHER ONE FROM LEFT TO RIGHT

Aunt Sally) ADD OR SUBTRACT AS YOU ENCOUNTER EITHER ONE FROM LEFT TO RIGHT

#5 $10 \div 5 - 7 \cdot 2$

$2 - 7 \cdot 2$

$2 - 14$

-12

#6 $50 - 4 \cdot 2 - 8 \div 4$

$50 - 8 - 8 \div 4$

$50 - 8 - 2$

$42 - 2$

40

#7 $5 - 2[8 - (-2)^3]$

$5 - 2[8 - 4]$

$5 - 2[4]$

$5 - 8$

-3