

BE-1A TUESDAY 8-21-07

① $50 - (15 + 9)$

②
$$\frac{(4 \cdot 3)^2 \cdot 5}{2}$$

ASK ABOUT
"SIDE CALCULATIONS"
WHEN WE REVIEW
THIS.

③
$$\frac{3 + 2^3}{5^2(4)}$$

④ $8 [6^2 - 3(2 + 5)]$

⑤ WRITE THE MEMORY AID FOR
THE "4 STEPS" OF THE ORDER
OF OPERATIONS. ⚡ use () AND $\rightarrow$

TAKE OUT HOMEWORK: Pg. 14 #15-19, 24, 25.

How to substitute values for a variable in an algebraic expression.

* PARENTHESES ARE YOUR FRIEND WHEN SUBSTITUTING.

EX) $x = 2$ $y = 3$

EVALUATE $3 + x - y$

$$3 + () - ()$$

$$3 + (2) - (3) \quad \text{PE(MD)(AS)}$$

↓ ↓

$$5 - 3 = \boxed{2}$$

EX4
pg 12

$a = 7$ $b = 3$ $c = 5$

EVALUATE $a^2 - (b^3 - 4c)$

$$()^2 - [()^3 - 4()]$$

$$(7)^2 - [(3)^3 - 4(5)]$$

$$7^2 - [27 - 4(5)]$$

$$7^2 - [27 - 20]$$

$$7^2 - [7] = 49 - 7 = \boxed{42}$$

Group Practice

Page 820

Lesson 1-2

1-21

Homework: finish the above assignment — do whatever you didn't finish in your class/group work.