

BE-1A | TUESDAY 8-22-06

EVALUATE, USE $PE(\vec{MD})(\vec{AS})$

① $2(5) + 3(4+3)$

② $2[5 + (30 \div 6)^2]$

③ $\frac{6 + 4^2}{3^2 \cdot 4}$

THE FRACTION BAR
IS A GROUPING
symbol like
parentheses.

④ WHAT IS ANOTHER NAME FOR
SOMETHING EVERYBODY "AGREES" TO
DO A CERTAIN WAY? EXAMPLE:
HOW DO YOU SPELL ALABAMA?

Ch. 1-2 "Order of Operations"

①

↓
STEP 1 P
STEP 2 E
STEP 3 (MD)
STEP 4 (AS)

↓
+, •,
-, ÷

EX 1 Pg 11 ⇒ Yesterday's Bell Exercise

EX 2, 3, Pg 12 ⇒ Today's Bell Exercise

EX 4) How do you substitute values for variables?

USE PARENTHESES

EX 4 ⇒ $a = 7$ $b = 3$ $c = 5$

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

$$(\quad)^2 - ((\quad)^3 - 4(\quad))$$

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

$$7^2 - (27 - 20)$$

PE(MD)(AS)

$$7^2 - (7)$$

$$49 - 7 = \boxed{42}$$

②

EVALUATE

$$g=4 \quad h=6 \quad j=8 \quad k=12$$

⑩ $hk - gj$

⑪ $2k + gh^2 - j$

⑫
$$\frac{2g(h-g)}{gh-j}$$

CW/HW $\Rightarrow$ Pg 14 # 15-25 odds
32, 34

Reco class pics.
