

BE-1B

MONDAY 8-14-06

- ① HAVE HOMEWORK READY FOR HAND-IN
OR HAVE "REASON" FOR NOT HAVING IT.

→ FULL SHEET OF LOOSE LEAF
→ PROPERLY LABELED
IN RIGHT-HAND CORNER

② $(3 \cdot 1)^3 - \frac{4+6}{5 \cdot 2}$

③ $8(5-3)$

④ $8(x-3)$

⑤ $x=6, y=-3$
 $xy = ?$

-
- COLLECT HW / QUESTIONS
 - CONTACT FORMS
 - CHECK SUPPLIES
 - TEXT BOOKS

①
The bell exercise had these two problems:

$$8(5-3)$$

$$8(x-3)$$

What is different about them?

What property must you use to multiply $8(x-3)$? Why?


$$8(x-3)$$

$$8x - 24$$

① Same variable



②

variables have same exponent

$$x + x = 2x$$

$$x + x^2 = x + x^2$$

②

ORDERED PAIR $(9, 5)$

(x, y)

(domain, range)

(independent variable, dependent variable)

↑
pick an x , find the y

ordered pair where
each x can only go
with one y .

(it is OK for different x 's
to go with the same y)

CH 1-4

③

Additive Identity Property $0 + 8 = 8$ Multiplicative Identity Property $1 \cdot 9 = 9$

Multiplicative Property of zero $0 \cdot 6 = 0$

Multiplicative INverse
or $\frac{5}{6} \cdot \frac{6}{5} = 1$ ★ UNDO TOP and BOTTOM in 1 step $-\frac{1}{2} \cdot -2 = 1$

REFlexive POE $7 = 7$ Symmetric POE $5 = 4x$ then $4x = 5$ TRANSITIVE POE $a = b, b = c$ then $a = c$ Substitution POE $x = 3$ use x or 3
ANYWHERECH 1-6Commutative Property (+ or $\cdot$) $a + b = b + a$
 $ab = ba$ Associative Property (+ or $\cdot$) $a + b + c = (a + b) + c$
 $= a + (b + c)$
 $abc = (ab)c$ or $a(bc)$

HW/CW

- Read Pgs 57-62
(go to ANY section in Ch 1
for more detail if needed)
- Practice Test, Pg 63
1-10

Charades to learn orgs
