

BE-1A

WEDNESDAY 8-16-06

- ① "Product" means which one of the 4 math operations?
 - ② List 3 ways to show the product of X and Y .
 - ③ $9^3 = ?$
 - ④ Name the 4 grouping symbols.
 - ⑤ Convert $\frac{1}{9}$ and $\frac{2}{9}$ to decimals by long division. Do you notice anything? Can you make any predictions?
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Ch 1-1, going from "words" to Algebraic expressions
i.e. variables, numbers, operators

(Ex) x, y $2, \frac{1}{2}$ $+ - \div \cdot$

Writing Algebraic Expressions (from a verbal expression)

①

EX1 Pg 6 and Pg 7

⑤ Eight more than a number N

$$\underbrace{\quad\quad\quad}_{8 +}$$

$$\underbrace{\quad\quad\quad}_N$$

$$\boxed{8 + N}$$

⑥ 7 less the product of 4 and a number X

$$7 - 4 \cdot X$$

$$\boxed{7 - 4X}$$

7 less than the product of 4 and X

take 7 from

$4X$

$$\therefore \boxed{4X - 7}$$

②
③ one third of the size of the original area a
 $\frac{1}{3} \cdot a$

$$\boxed{\frac{1}{3}a} \text{ or } \frac{1 \cdot a}{3} = \frac{1a}{3} = \boxed{\frac{a}{3}}$$

Ex 2 Pg 7

① The product of 7 and m to the fifth power
 $\Downarrow$
multiply 7 and m^5

$$\therefore \boxed{7m^5}$$

② The difference of 4 and x squared
 $\Downarrow$
subtract 4 and x^2

$$\boxed{4 - x^2}$$

CW/HW Pg 8 # 11-16, 19, 21-25

"Q" use N for "A Number"