- (1) P: (parenthesis) or absolute value
- ② と: exponents or sa. root
- 3 mg: mult. 7 "left to vight"
- A 3: add / left to right"

Exponents (powers)

3 how many times

2
$$3^4 \Rightarrow 3 \cdot 3 \cdot 3 \cdot 3 \cdot 3 = 8$$
 $\chi^0 = 1$
 $\chi^0 = 1$

$$\chi^0 = 1$$

$$16^{\circ} = 1 \quad (-3)^{\circ} = 1$$

$$(-3)^{\circ} = 1$$

Negative Exponents
$$\chi - n \text{ (integer)} = \frac{1}{\chi n}$$

$$(2)^{6}$$
: $(1)^{5-2} \Rightarrow \frac{1}{5^{2}} = \frac{1}{35}$ $(2)^{3} = \frac{1}{3^{3}} \Rightarrow \frac{1}{8}$

$$(2) \partial^{-3} = \frac{1}{2^3} \Rightarrow \frac{1}{8}$$

(3)
$$4^{-3} \Rightarrow \frac{1}{4^3} = \frac{1}{4 \cdot 4 \cdot 4} = \frac{1}{104}$$

$$4 \ 3^{-4} = \frac{1}{3^4} = \frac{1}{10}$$

$$(0 \ \mathcal{W}^{-8} \Rightarrow \underline{1} \ \mathcal{W}^{8}$$

$$(7) - \frac{1}{5^{-2}}) = 5^2 = 25$$

$$(9 \text{ m}^{-3} \Rightarrow 1 \text{ m}^{3}$$