YH07-1A a = 152，b = 17，c = 75，d = 45 $\sqrt[3]{152+17+75-45+17} = \sqrt[3]{216} = 6$	**YH07-4A** -(c−a−b) + [(c−a−b)] = 0
(a−b−c)−(a−b−c) = 0	X = 9801 Y = 100 X−Y = 9801−100 = 9701
X = 3，22，29	1，8，27，64，125，216，343
(X+1)−(6−X) = 5 2X−5 = 5 X = 5 不合 ∵ X < 5	$\dfrac{b}{10a} \times \dfrac{a}{a} = \dfrac{ab}{10a^2} = \dfrac{ab}{20} = 0.05ab$ 50ab

YH07-2A $\dfrac{49}{56} = \dfrac{7}{8}$ $\dfrac{81}{99} = \dfrac{9}{11}$ $\dfrac{65}{75} = \dfrac{13}{15}$ $\dfrac{10}{100} = \dfrac{1}{10}$ 990 -2 120	**YH07-5A** X = 2.7
	$\sqrt[3]{51} \times 20 = 74.16$ $51 \times 20 \times 20 \times 20 = 408000 \cdots$ X

	<1> $51−51 = 0$
	<2> $1.30384 + 2 \times \sqrt[3]{29}$
	   $\fallingdotseq 1.304 + 2 \times 3.072$
	   $= 7.448$

YH07-3A <1> X = 60000 <2> Y = 600000	**YH07-6A** <1> $2^3 \times 5 \times 11$ <2> $(3 + 1) (1 + 1) (1 + 1) = 16 (個)$ <3> $(1 + 2 + 4 + 8) (1 + 5) (1 + 11)$ $=1080$
$1.732 \times 2000 = 3464$ X = 3 × 4000000 = 12000000	

$\begin{cases} X + Y = 7 \\ X − Y = -1 \end{cases}$ $\begin{matrix} X = 3 \\ Y = 4 \end{matrix}$ $5X + 3Y = 27$，則 $\sqrt[3]{27} = 3$
                   答：3
	<1> 24
	<2> $24 = 2^3 \times 3$
	    $(1 + 2 + 4 + 8) (1 + 3) = 60(個)$

a = -3 b = 5 c = 4 $\sqrt[3]{(-9)+5+12} = \sqrt[3]{8} = 2$	

YH07-1B

$a = 73 \quad b = 54 \quad c = 100 \quad d = 10$

$\sqrt[3]{73+54+100+10-21} = \sqrt[3]{216} = 6$

$X = 1 \cdot 6 \cdot 9$

$2 \cdot 9$

$(X+1)-(4-X) = 1$

$X+1-4+X = 1$

$X = 2$

YH07-4B

$a + b - c - a + b + c + a - b - c$

$= a + b - c$

$998001 - 10000 = 988001$

$512 \cdot 729 \cdot 1000$

$\dfrac{7ab}{100} \qquad \sqrt{0.0735} = \sqrt{\dfrac{735}{10000}} = \dfrac{ab \times 7}{100} = \dfrac{7ab}{100}$

$\sqrt[3]{1500000} = \sqrt[3]{3 \times 4 \times 125000}$

$= a \times b \times 50$

$= 50ab$

YH07-2B

$\dfrac{58}{74} = \dfrac{29}{37} \qquad \dfrac{60}{90} = \dfrac{2}{3}$

$\dfrac{55}{66} = \dfrac{5}{6} \qquad\qquad \dfrac{80}{90} = \dfrac{8}{9}$

56   -61

8000

YH07-5B

$X = 0.19$

$2.668 \times 30 = \sqrt[3]{19 \times 27000} = \sqrt[3]{513000}$

$X = 513000$

<1> $29 + 29 = 58$

<2> $0.894 + 3 \times 3.849$

    $= 12.441$

YH07-3B

<1> $1.732051 \times 100 = \sqrt{3 \times 10000} = \sqrt{30000}$ X=30000

<2> $1.912931 \times 10 = \sqrt[3]{7 \times 10^3} = \sqrt[3]{7000}$ Y=7000

$2236 = 2.236 \times 1000 = \sqrt{5} \times 1000$

$= \sqrt{5000000}$

答：X=5000000

$X + Y = 5$

$X - Y = -1$ $2 + 6 = 8$，則 $\sqrt[3]{8} = 2$

$X = 2 \cdot Y = 3$ 答：2

YH07-6B

5   ⊙ • • •

2   • • ⊙ •

$(-4)^{12}$ 12   -4   ⊙ •

       c   a   b

       a   c   b

$5^x \times 5^2 = 80 \times 25 = 2000$

1   2

4   99