

<p style="text-align: right;">YH04-1A</p> $81 \leq X \leq 100$ $100 - 81 + 1 = 20 \quad \text{答：20個}$	<p style="text-align: right;">YH04-4A</p> $2^3 = 2 \times 2 \times 2 = 8$ $3^3 = 3 \times 3 \times 3 = 27$ <p style="text-align: right;">答：邊長3公分</p>
$9 \leq 0.1n \leq 64$ $90 \leq n \leq 640$ $640 - 90 + 1 = 551 \quad \text{答：551個}$	$\frac{27}{-8} \quad \frac{3}{(-2)} \quad \frac{27}{(-8)}$ $\frac{-1}{(-3)} \quad \frac{-1}{(-3)}$
$2X - Y = 1$ $X + 3Y = 11$ $X = 2$ $Y = 3$ <p style="text-align: right;">答：5</p>	$\sqrt{4 \times 4 + 9} = 5$ $(-3) \times (-3) \times (-3) = (-27) \quad (-3) \quad (-27)$ $(-10) \times (-10) \times (-10) = -1000 \quad (-10) \quad (-1000)$
<p style="text-align: right;">YH04-2A</p> $(\sqrt{7})^2 + \sqrt{(-7)^2} = 7 + 7 = 14$ $\sqrt{(\sqrt{3}-5)^2} = 3 - \sqrt{3}$ $\sqrt{(\pi - 3.2)^2} = (3.2 - \pi)$	<p style="text-align: right;">YH04-5A</p> $11^3 = 1331$ <p>答：是 因為 $11^3 = 1331$</p> $(-11)^3 = -1331$ <p>答：是 因為 $(-11)^3 = -1331$</p> $(0.2)^3 = 0.008$ <p>答：是 因為 $(0.2)^3 = 0.008$</p> $(0.3)^3 = 0.027$ <p>答：不是 因為 $(0.3)^3 = 0.027 \neq -0.027$</p> $(-3)^3 = -27 \quad A : -3$
$\sqrt{(X+5)^2} = 0$ $X = (-5)$	<p style="text-align: right;">YH04-3A</p> <p style="text-align: right;">YH04-6A</p>
$X = 5$ $X = -1 \quad \text{or} \quad 2$ $\sqrt{23} M$	$(6^3) = 216 \quad 6$ $(-7)^3 = -343 \quad -7$
$\begin{cases} 2X + 3Y = 9 & X = 3 \\ 3X - 10Y = -1 & Y = 1 \end{cases} \quad \text{答：}\pm 2$	$(0)^3 = 0 \quad 0$
$(3X+1) - [-(3X-5)]$ $= 3X + 1 + 3X - 5 = 6X - 4$	$(1)^3 = 1 \quad 1$ $(-5)^3 = -125 \quad -5$
$a = 0 \quad , \quad b = 0$	

YH04-1B $25 \leq n \leq 144$ $144 - 25 + 1 = 120$ 答：120種	YH04-4B $3^2 = 3 \times 3 = 9$ $4^2 = 4 \times 4 = 16$ 答：4公分 $4 \times 4 \times 4 = 64$ 答：4公分
$256 \leq 3X \leq 784$ $85.3 \leq X \leq 261.3$ $86 \cdots 261 \rightarrow 261 - 86 + 1 = 176$ 答：176個	$5 \times 5 \times 5 = 125$ 5 125 $6 \times 6 \times 6 = 216$ 6 216 $(-4) \times (-4) \times (-4) = (-64)$ -4 -64 $(-5) \times (-5) \times (-5) = (-125)$ -5 -125 $(-6) \times (-6) \times (-6) = (-216)$ -6 -216
$2X - 5Y = 4$ $X = -3$ $-3X + 3Y = 3$ $Y = -2$ $\sqrt{[-2 + (-3)]^2} = \sqrt{25} = 5$ 答：5	YH04-2B YH04-5B 不是 因為 $3^3 = 27 \neq -27$ 是 $(-7)^3 = -343$ 是 $(-5)^2 = 25$ 不是 $\sqrt{25} = 5$ 不是 因為 $(-0.4)^3 = -0.064 \neq 0.064$ 是 $(7)^2 = 49$ $(-7)^2 = 49$
YH04-3B $(\sqrt{X})^2 = \sqrt{X} \times \sqrt{X} = X$ $ X $ $(\sqrt{10})^2 + \sqrt{(-10)^2} = 10 + 10 = 20$ $\sqrt{(\sqrt{6}-4)^2} = -(\sqrt{6}-4) = 4 - \sqrt{6}$ $\sqrt{(\pi - 3.15)^2} = 3.15 - \pi$ $\sqrt{54.76} = 7.4$ 2 或 18	YH04-6B 2 1 0 1 0 0 -5 7 0 -1 $\pm\sqrt{8}$
$\bullet 5-a $ $a \leq 5$ $a = 1, 2, 3 \dots$ (正整數都可以) $\bullet a > b > c$ $\bullet a = 2, b = 7, c = 32$ $\sqrt{2+7+32} = \sqrt{41}$ $\bullet 2X = \sqrt{5}Y, X:Y = \sqrt{5}:2 \rightarrow X^2:Y^2 = 5:4$ $\sqrt{X^2 - Y^2} : \sqrt{X^2 + Y^2} = 1:3$	