

Pre-2nd Kyu Section 1: Calculation Test **Answer Keys**

1	(1)	3
	(2)	$(3x + y)(3x - y)$
	(3)	$x = 2, 3$
	(4)	6
	(5)	$y = \frac{1}{4}x^2$
2	(6)	$2\sqrt{2}$ cm
	(7)	$x = 3$
	(8)	$x^3 + y^3$
	(9)	$(x + y)^3$
	(10)	2

Please fill in the box below.

Name	Examinee Number
Gender (Check the appropriate box) Male <input type="checkbox"/> Female <input type="checkbox"/>	Age
Date of Birth (year) (month) (day)	
Address	

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3	(11)	$a=2, b=1$
	(12)	84
	(13)	$x < -\frac{1}{2}, 3 < x$
	(14)	① $\frac{\sqrt{3}}{2}$
		② $\frac{\sqrt{3}}{3}$
(15)	① $A \cup B = \{1, 2, 3, 4, 5, 7\}$	
	② 2	