

## 5th Kyu Section 2: Application Test **Answer Keys**

<b>1</b>	(1)	6 3 kg
	(2)	0 . 8          times
<b>2</b>	(3)	4 5          %
	(4)	1 2
<b>3</b>	(5)	8 2 °
	(6)	6 6 °
<b>4</b>	(7)	5 1 2 cm <sup>3</sup>
	(8)	3 4 0 cm <sup>3</sup>
<b>5</b>	(9)	1 2          Exs
	(10)	3 8          Exs

**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	

/ 20	
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5	(11)	4 hours
6	(12)	560 g
	(13)	1 nail weighs $140 \div 50 = 2.8$ The number of nails when the total weight is 2800 g is $2800 \div 2.8 = 1000$  <u>(Answer) 1000 nails</u>
7	(14)	$8x + 11$
	(15)	$8x + 11 = 10x - 5$
	(16)	8
8	(17)	34
	(18)	$a = 1$ $h = 13$
9	(19)	$18\pi \text{ cm}^2$
	(20)	$18\pi + 2^2 \times \pi \times \frac{1}{2} - 4^2 \times \pi \times \frac{1}{2}$ $= 18\pi + 2\pi - 8\pi$ $= 12\pi$  <u>(Answer) <math>12\pi \text{ cm}^2</math></u>