

**第二屆全港小學數學挑戰賽(2015-2016)**  
**The 2<sup>nd</sup> Hong Kong Primary Mathematics Challenge (2015-2016)**

初賽 (二零一五年十二月五日)  
 Semi-Final (5<sup>th</sup> December, 2015)

小四組                      個人項目  
 Primary 4                      Individual Event

答案 Answer (不需填寫步驟 No need to show your calculation steps)

1.	1370.974	(2 marks)	11.	5.5 cm <sup>2</sup>	(5 marks)
2.	$2\frac{43}{60}$ or $\frac{163}{60}$	(3 marks)	12.	星期四 or Thursday	(5 marks)
3.	42	(2 marks)	13.	3	(5 marks)
4.	10	(3 marks)	14.	41	(5 marks)
5.	420, 840, 1260	(3 marks)	15.	25	(6 marks)
6.	24 分 36 秒 min                      sec	(4 marks)	16.	4	(7 marks)
7.	1008	(4 marks)	17.	96 ÷ 12 = 8 = 45 - 37 76 ÷ 38 = 2 = 51 - 49 72 ÷ 18 = 4 = 63 - 59 54 ÷ 18 = 3 = 72 - 69	(8 marks)
8.	111105	(5 marks)	18.	8 cm <sup>2</sup>	(7 marks)
9.	99980001	(5 marks)	19.	83	(8 marks)
10.	39, 51	(4 marks)	20.	55 秒	(9 marks)

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小五組                      個人項目  
 Primary 5                      Individual Event

答案 Answer (不需填寫步驟 No need to show your calculation steps)

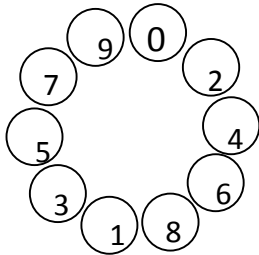
1.	500 000 000	(3 marks)	11.	38	(5 marks)
2.	$\frac{5}{8}$	(2 marks)	12.	組一(Group 1) : 26 , <u>57</u> , <u>85</u> , <u>154</u> 組二(Group 2) : <u>51</u> , <u>55</u> , <u>76</u> , <u>91</u>	(5 marks)
3.	7	(2 marks)	13.	3, 4, 7	(5 marks)
4.	1008	(3 marks)	14.	父(Father) : <u>54</u> 歲(years old) 子(Son) : <u>20</u> 歲(years old)	(5 marks)
5.	27	(4 marks)	15.	星期四 or Thursday	(5 marks)
6.	0	(4 marks)	16.	13	(6 marks)
7.	14	(5 marks)	17.	10 cm	(6 marks)
8.	$58\frac{1}{3}$	(5 marks)	18.	■ = 4, ● = 6, ▲ = 2	(7 marks)
9.	3456 cm <sup>2</sup>	(6 marks)	19.	4030	(8 marks)
10.	55	(5 marks)	20.	180	(9 marks)

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小六組                      個人項目  
Primary 6                    Individual Event

答案 Answer (不需填寫步驟 No need to show your calculation steps)

1.	最大(The greatest) : $\frac{654}{765}$ 最小(The least) : $\frac{432}{543}$	(2 marks)	11.	1010	(5 分) (5 marks)
2.	0.41 小時(Hour)	(2 分) (2 marks)	12.	62.5 %	(5 分) (5 marks)
3.	星期一 or Monday	(3 分) (3 marks)	13.	4	(6 分) (6 marks)
4.	288	(3 分) (3 marks)	14.	$\frac{18}{25}$	(6 分) (6 marks)
5.	55	(4 分) (4 marks)	15.	80	(6 分) (6 marks)
6.	6	(4 分) (4 marks)	16.	64	(7 分) (7 marks)
7.	組一(Group 1) : <u>26, 57, 85, 154</u> 組二(Group 2) : <u>51, 55, 76, 91</u>	(3 分) (3 marks)	17.		(7 分) (7 marks)
8.	15	(4 分) (4 marks)	18.	(i) 6, (ii) 12, (iii) 8	(7 分) (7 marks)
9.	13	(4 分) (4 marks)	19.	80 cm <sup>2</sup>	(8 分) (8 marks)
10.	$\frac{1007}{1008}$	(5 分) (5 marks)	20.	17	(9 分) (9 marks)

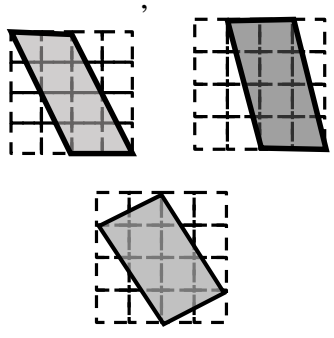
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小四組  
Primary 4

組別項目  
Group Event

答案 Answer (不需填寫步驟 No need to show your calculation steps)

1.	100	(14 marks)	9.	$a \div [b \div (c \times d)] = a \div b \times c \times d$	(24 marks)
2.		(16 marks)	10.	21	(26 marks)
3.	10007	(17 marks)	11.	組一(Group 1) : 33, 38, 119 組二(Group 2) : 34, 57, 77	(27 marks)
4.	20	(19 marks)	12.	41	(31 marks)
5.	2047	(21 marks)	13.	9 月(month) 16 日(day)	(31 marks)
6.	$x = 29, y = 9$	(21 marks)	14.	$\frac{5}{7} \text{m}^2$	(34 marks)
7.	288	(22 marks)	15.	858	(35 marks)
8.	58, 77	(22 marks)	16.	A = 7 kg, B = 6 kg C = 3 kg, D = 4 kg E = 5 kg	(40 marks)



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小六組  
Primary 6

組別項目  
Group Event

答案 Answer (不需填寫步驟 No need to show your calculation steps)

1.	16	(19 marks)		9.	1200 g	(29 marks)
2.	8	(16 marks)		10.	37.68 cm	(32 marks)
3.	0.5, 1.5, 2.5, 3.5, 4.5	(18 marks)		11.	\$ 440	(27 marks)
4.	770	(22 marks)		12.	252 cm <sup>2</sup>	(36 marks)
5.	84	(22 marks)		13.	90	(32 marks)
6.	60	(23 marks)		14.		(38 marks)
7.	A = 1, B = 7, C = 4,	(24 marks)				
8.	D = 6, E = 8, F = 2,					
9.	G = 5, H = 9, I = 3					
10.		(23 marks)		15.	盒子 A(Box A) : <u>A1</u> , A2, A3 盒子 B(Box B) : B1, B2, <u>B3</u> 盒子 C(Box C) : <u>C1</u> , C2, C3 糖果在盒子 Candies in Box: <u>B</u>	(39 marks)