The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽**(模擬試題)

得分	總分120分
Score	

◎加減心算共60題(每題2分)

◎60 Questions each 2 points

幼兒園中班(第一節) / K2 Set 1

限時三分鐘 / Time limit : 3 minutes

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	9	1	7	5	1	2	5	8	1	2	9	6	4	3	6	4	3	8	1
2	1	−4	3	2	1	5	7	1	−5	6	1	−8	1	−3	1	2	5	1	−3	3
3	6	3	5	−4	2	3	−4	2	6	2	5	3	2	6	5	1	−7	5	2	5
Ans																				

NO	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	6	8	4	9	1	4	9	3	7	2	3	6	1	5	2	3	7	4	2	1
2	2	−4	2	−8	3	1	−8	4	1	4	1	2	3	4	3	2	−4	3	5	4
3	1	5	3	7	2	2	3	2	−6	1	2	−4	5	−8	4	1	5	2	−6	3
Ans																				

NO	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	1	9	6	7	4	3	8	6	5	2	6	3	1	5	7	6	4	8	9	2
2	3	7	2	9	8	6	−3	1	4	5	2	8	9	3	2	1	6	4	−7	5
3	9	3	4	−5	6	1	5	2	−7	8	3	1	7	−4	6	5	9	2	4	8
4	5	−4	9	1	7	2	6	9	8	3	8	−9	4	1	3	7	−2	6	5	4
Ans																				

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

幼兒園中班(同分加賽) / K2 Set 2

得分	總分80分
Score	

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 / Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	6	2	1	3	9	5	8	4	2	7
2	5	8	3	2	7	1	9	5	6	4
3	8	6	7	1	4	9	−4	3	−5	2
4	1	−3	5	−4	6	2	3	8	7	9
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	2	7	4	5	8	7	6	1	9	3
2	5	−6	7	1	9	9	−2	3	8	4
3	4	2	3	9	5	1	7	6	−3	8
4	8	9	6	−7	3	8	1	5	4	2
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	6	8	4	7	9	2	7	1	3	5
2	1	−3	8	9	6	7	−2	5	2	4
3	9	2	7	−6	3	5	1	9	4	8
4	3	1	6	2	3	8	9	4	−5	1
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	7	4	5	8	6	2	9	3	6	1
2	8	5	4	1	2	3	−6	5	9	7
3	2	−6	8	−9	7	1	4	1	3	5
4	4	7	2	6	1	9	5	8	−2	3
Ans										

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽** (模擬試題)

得分	總分120分
Score	

◎加減心算共60題(每題2分)

◎60 Questions each 2 points

幼兒園大班(第一節) / K3 Set 1

限時三分鐘 / Time limit : 3 minutes

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	1	9	2	9	8	3	6	5	7	4	2	3	7	9	6	5	4	7	8	1
2	8	−7	9	8	4	1	2	3	−6	5	5	6	8	−4	2	1	9	3	1	7
3	7	5	6	−5	1	8	−7	9	2	3	4	−2	1	3	4	2	−3	9	3	2
4	3	2	8	6	7	5	1	8	5	9	7	9	3	2	5	8	6	1	−2	4
Ans																				

NO	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	4	6	9	8	1	5	7	3	8	2	6	4	8	7	2	1	5	3	9	7
2	8	4	7	−2	9	4	8	6	−3	1	4	5	2	8	6	9	3	7	−6	1
3	9	3	4	3	3	9	3	2	4	6	9	−2	7	1	4	6	2	8	5	3
4	7	−2	6	1	8	3	−6	8	7	9	2	1	9	−6	8	2	6	4	1	6
5	2	7	1	4	6	8	5	9	1	3	8	7	4	5	3	4	−1	9	2	8
Ans																				

NO	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	7	2	1	6	5	8	9	4	8	3	6	8	2	3	1	5	9	4	8	7
2	2	8	2	5	7	3	−8	1	5	5	5	−4	1	5	4	2	4	6	2	9
3	1	3	9	−7	6	2	4	3	−1	9	1	3	9	−1	5	9	−7	9	6	3
4	5	−7	3	9	8	5	5	7	4	6	3	1	6	8	7	8	5	2	−7	8
5	6	1	4	−5	3	6	−7	9	2	4	2	5	4	−7	9	3	−6	8	4	1
6	9	−6	8	2	3	4	6	5	−7	1	7	−9	3	6	8	4	1	5	−3	2
Ans																				

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

得分	總分80分
Score	

幼兒園大班(同分加賽) / K3 Set 2

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 ／ Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	2	9	8	6	5	4	3	1	7	6
2	4	−3	4	7	6	1	9	3	−5	1
3	8	2	1	−8	7	3	−1	6	1	7
4	5	−8	5	2	8	9	6	5	9	8
5	9	4	7	−5	4	6	2	8	−2	3
6	7	6	3	9	1	5	−8	9	4	2
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	1	9	2	5	4	7	8	2	3	6
2	4	−6	8	7	1	8	6	7	6	7
3	8	4	1	−4	9	6	4	3	−1	3
4	6	2	9	3	7	5	−3	9	4	5
5	2	−3	6	−8	5	2	9	5	−7	8
6	5	1	7	6	8	3	−2	4	9	1
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	3	5	4	5	7	1	9	6	2	8
2	5	−1	6	2	3	2	−4	5	1	2
3	8	2	3	1	9	8	5	9	7	1
4	2	−4	9	−7	8	7	6	8	−5	4
5	6	3	5	9	4	3	−2	3	9	6
6	7	9	2	−6	5	4	7	1	−8	3
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	7	6	1	2	9	5	4	6	8	3
2	1	2	4	−1	4	7	9	4	−2	1
3	8	−7	6	8	1	6	−3	2	7	9
4	3	8	7	−4	2	4	1	3	1	5
5	5	3	9	6	5	2	−8	9	−5	4
6	4	−9	2	9	3	8	5	1	6	7
Ans										

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽**(模擬試題)

得分	總分120分
Score	

◎加減心算共60題(每題2分)

◎60 Questions each 2 points

小學一年級(第一節) / Primary 1 Set 1

限時三分鐘 / Time limit : 3 minutes

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	2	8	3	6	1	4	9	7	5	4	9	3	6	8	5	2	7	1	8	4
2	5	1	6	2	5	5	−7	3	4	8	7	1	3	2	4	1	4	3	−6	8
3	8	4	7	−3	2	3	8	4	−6	1	1	−2	8	7	9	7	8	5	9	2
4	4	6	2	4	3	7	1	6	9	6	3	9	4	−6	2	5	−3	6	1	9
5	1	−5	8	7	9	6	5	2	7	9	4	5	7	1	8	3	9	4	2	6
Ans																				

NO	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	5	2	1	9	3	4	6	5	7	8	4	6	1	9	2	5	1	7	8	3
2	4	9	7	−8	1	7	3	2	−6	4	7	8	6	2	9	6	3	9	2	1
3	7	−1	2	3	8	1	−4	3	8	5	8	−4	7	−3	6	1	−4	8	−5	6
4	3	6	5	7	5	9	1	6	4	2	5	2	5	1	7	4	8	4	3	7
5	6	−5	3	5	2	5	2	9	−2	3	3	1	3	−5	4	9	−2	6	2	8
6	2	8	3	−6	9	2	−8	4	9	1	1	−6	9	2	3	8	5	2	−7	4
Ans																				

NO	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	6	7	5	6	4	9	3	8	2	1	5	8	7	2	3	1	9	4	7	6
2	5	−2	8	9	1	2	9	7	−1	8	9	−1	9	5	1	4	−6	2	4	3
3	8	4	2	1	6	4	−5	4	9	4	8	3	4	−6	5	7	8	3	−5	7
4	1	5	6	−8	3	5	7	5	3	9	7	2	3	8	4	2	−5	1	9	8
5	9	−6	7	5	7	1	8	3	4	6	2	−6	5	4	9	5	7	8	5	4
6	7	1	4	−3	2	9	−6	7	−8	7	1	9	6	−3	6	9	2	7	8	1
7	4	9	3	2	5	8	1	6	7	2	6	7	8	1	2	6	4	9	−3	5
Ans																				

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

得分	總分80分
Score	

小學一年級(同分加賽) / Primary 1 Set 2

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 / Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	9	5	8	4	3	6	1	3	7	2
2	2	9	5	7	4	7	2	8	−4	8
3	7	−8	7	−1	8	5	8	6	2	6
4	5	3	1	9	1	3	−7	4	3	4
5	6	−4	9	2	5	8	6	1	7	9
6	3	1	2	−6	3	9	5	7	−9	7
7	1	9	6	5	7	4	−3	2	8	5
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	8	6	2	7	3	4	9	1	5	3
2	3	8	4	−5	4	6	7	8	9	8
3	1	2	1	9	7	2	8	3	−1	7
4	9	−4	3	4	5	8	−4	7	4	2
5	2	3	5	−6	8	5	3	5	3	6
6	6	−9	6	1	2	1	−2	6	5	9
7	7	5	9	8	1	3	6	2	−7	4
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	8	2	6	9	4	5	7	1	3	6
2	7	4	8	−7	3	2	5	2	6	9
3	6	1	7	3	1	4	9	8	−4	5
4	1	6	3	1	5	3	−8	9	1	8
5	4	−7	4	5	2	9	3	6	8	4
6	2	9	5	−2	9	6	4	3	−5	7
7	9	−5	1	4	8	7	−6	4	2	3
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	5	8	2	1	9	6	3	7	9	4
2	8	−4	9	8	6	8	−2	3	1	2
3	3	6	1	9	7	3	6	9	−4	1
4	4	−7	8	4	3	4	−5	6	2	3
5	2	8	5	−3	8	5	4	3	6	7
6	7	5	3	2	5	1	7	5	−8	9
7	1	9	4	−6	2	7	8	1	3	5
Ans										

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽**(模擬試題)

得分	總分120分
Score	

◎加減心算共60題(每題2分)

◎60 Questions each 2 points

小學二年級(第一節) / Primary 2 Set 1

限時三分鐘 / Time limit : 3 minutes

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	6	5	1	8	9	7	8	3	4	2	5	6	2	4	3	7	1	8	9	5
2	2	−1	5	3	2	1	−6	5	9	3	6	−3	9	8	5	3	7	9	−7	8
3	9	6	8	−6	3	4	9	4	1	5	8	1	2	−3	9	5	−6	3	1	4
4	7	−9	3	5	8	6	4	9	−2	1	2	5	7	9	6	4	3	1	5	6
5	4	3	4	9	7	8	−5	3	5	8	7	−2	4	−7	2	9	8	4	−6	7
6	8	7	9	−4	5	2	1	6	−3	6	3	7	5	6	8	1	−4	2	8	9
Ans																				

NO	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
1	4	1	3	5	9	7	2	6	4	8	4	5	3	8	2	6	7	1	3	9
2	7	4	1	9	8	4	9	4	6	3	8	−4	5	−7	1	2	4	6	8	1
3	3	7	4	−7	3	9	−8	3	7	4	6	8	4	9	4	3	−6	9	−7	2
4	1	−2	5	3	1	2	7	9	−5	7	5	1	8	6	7	7	1	7	5	7
5	2	6	2	−6	7	6	5	7	9	1	7	6	2	−3	6	1	9	5	−2	5
6	9	−5	6	8	6	1	−4	8	−2	9	2	−3	9	4	3	8	−5	8	4	6
7	8	9	7	2	4	5	6	1	3	2	3	9	7	1	5	4	2	3	6	8
Ans																				

NO	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
1	7	9	6	4	2	8	65	6	7	51	6	4	3	9	2	27	7	5	9	6
2	2	−3	1	9	5	40	21	98	3	8	4	2	5	−3	8	8	2	28	50	91
3	4	7	9	−8	7	3	7	43	90	73	2	7	4	1	5	56	69	4	26	40
4	5	4	7	1	8	69	9	20	25	2	5	−8	6	7	6	9	−40	71	−35	7
5	3	8	5	2	3	17	−34	5	−81	96	7	3	8	5	1	45	35	30	8	58
6	6	5	2	−7	4						9	1	7	4	3					
7	1	−2	3	5	1						8	−9	2	−6	5					
8	8	1	8	3	6						1	5	9	8	7					
Ans																				

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

小學二年級(同分加賽) / Primary 2 Set 2

得分	總分80分
Score	

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 / Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	6	8	1	3	7	7	9	97	98	75
2	7	−4	6	7	5	20	31	5	6	2
3	8	7	4	−6	9	45	6	81	4	6
4	2	1	9	1	6	3	42	70	−50	84
5	3	9	3	2	8	61	−58	3	37	90
6	1	2	5	9	3					
7	5	−6	2	−8	1					
8	9	3	4	5	2					
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	8	6	4	3	2	7	87	8	91	93
2	7	−2	7	6	1	8	3	56	2	7
3	5	9	8	−4	8	21	4	45	−73	60
4	2	5	9	8	4	53	−60	30	4	24
5	6	8	2	2	9	69	95	9	85	5
6	1	−7	6	9	6					
7	3	4	3	−7	5					
8	4	9	1	5	7					
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	6	7	2	8	1	4	61	98	6	54
2	2	8	4	9	7	56	9	2	42	2
3	8	−4	3	3	2	28	7	16	8	80
4	4	5	1	−6	5	19	34	7	−30	7
5	9	1	6	4	3	7	−80	43	17	19
6	1	6	5	7	9					
7	3	9	7	2	8					
8	7	−3	9	−5	4					
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	1	7	5	9	3	97	60	67	46	41
2	3	−3	1	7	2	18	2	9	−19	35
3	9	6	3	2	7	6	−51	3	7	9
4	7	9	6	−8	1	2	3	85	5	67
5	5	5	8	4	5	50	87	24	30	2
6	2	1	7	1	9					
7	4	−3	9	−3	8					
8	8	4	2	5	6					
Ans										

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽**(模擬試題)

得分	總分120分
Score	

◎乘心算共40題(每題1分) / ◎40 Questions each 1 points

小學三、四年級(第一節) / Primary 3 and 4 Set 1

限時三分鐘 / Time limit : 3 minutes

1	58 × 2 =	11	24 × 2 =	21	72 × 5 =	31	68 × 7 =
2	79 × 9 =	12	63 × 5 =	22	25 × 2 =	32	93 × 7 =
3	91 × 7 =	13	91 × 8 =	23	51 × 3 =	33	27 × 2 =
4	32 × 2 =	14	56 × 7 =	24	30 × 9 =	34	31 × 3 =
5	60 × 3 =	15	39 × 6 =	25	40 × 7 =	35	80 × 8 =
6	25 × 4 =	16	47 × 9 =	26	87 × 4 =	36	90 × 5 =
7	13 × 5 =	17	80 × 6 =	27	43 × 6 =	37	15 × 8 =
8	40 × 8 =	18	82 × 3 =	28	16 × 7 =	38	54 × 9 =
9	47 × 6 =	19	70 × 4 =	29	69 × 2 =	39	72 × 4 =
10	86 × 7 =	20	15 × 4 =	30	98 × 3 =	40	46 × 6 =

◎除心算共40題(每題1分) / ◎40 Questions each 1 points

1	400 ÷ 8 =	11	248 ÷ 8 =	21	256 ÷ 8 =	31	243 ÷ 3 =
2	64 ÷ 2 =	12	666 ÷ 9 =	22	420 ÷ 6 =	32	413 ÷ 7 =
3	425 ÷ 5 =	13	688 ÷ 8 =	23	252 ÷ 4 =	33	576 ÷ 8 =
4	168 ÷ 8 =	14	140 ÷ 2 =	24	168 ÷ 3 =	34	240 ÷ 6 =
5	222 ÷ 3 =	15	112 ÷ 4 =	25	395 ÷ 5 =	35	441 ÷ 7 =
6	196 ÷ 4 =	16	280 ÷ 7 =	26	168 ÷ 6 =	36	74 ÷ 2 =
7	180 ÷ 6 =	17	460 ÷ 5 =	27	756 ÷ 9 =	37	470 ÷ 5 =
8	612 ÷ 9 =	18	378 ÷ 6 =	28	105 ÷ 7 =	38	720 ÷ 9 =
9	679 ÷ 7 =	19	177 ÷ 3 =	29	82 ÷ 2 =	39	104 ÷ 4 =
10	112 ÷ 7 =	20	90 ÷ 6 =	30	180 ÷ 2 =	40	75 ÷ 5 =

◎加減心算共20題(每題2分) / ◎20 Questions each 2 points

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	68	58	51	91	65	57	86	57	89	51	96	59	85	98	94	67	82	67	24	45
2	24	45	47	−20	40	28	14	82	67	29	42	83	43	−60	58	89	59	79	65	50
3	10	91	28	89	14	97	−30	94	32	40	39	74	79	48	16	36	40	64	−43	78
4	52	−20	61	68	60	89	45	15	−75	83	58	65	17	31	62	95	−71	25	39	92
5	96	12	20	−51	38	65	21	20	54	18	74	−30	26	72	39	12	96	89	80	69
6	43	−37	39	26	59	10	−58	91	41	37	21	47	70	−15	20	80	67	42	78	47
7	35	63	83	45	72	46	92	34	−18	62	83	81	34	49	75	31	−35	31	26	10
8	70	87	70	74	21	21	63	76	60	75	60	−92	68	67	87	74	84	58	−70	83
Ans																				

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

得分	總分80分
Score	

小學三、四年級(同分加賽) / Primary 3 and 4 Set 2

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 / Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	87	4	6	8	9	16	85	93	46	69
2	71	3	42	91	21	39	−34	70	−28	92
3	4	90	95	−3	8	43	92	46	32	17
4	9	−72	8	74	75	20	17	28	−10	46
5	20	51	51	6	3	87	20	14	95	30
6	5	−6	4	57	6	51	−61	65	87	58
7	6	8	7	−40	50					
8	38	15	30	2	42					
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	2	83	8	79	20	45	57	76	89	38
2	9	7	4	−3	9	20	−43	65	70	29
3	57	9	63	91	5	34	92	39	−31	17
4	31	−50	57	2	71	87	28	43	26	64
5	6	21	31	−50	47	69	16	80	45	92
6	43	8	2	6	8	17	−80	12	−93	50
7	90	42	70	8	62					
8	8	−6	9	45	3					
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	30	12	78	90	9	28	42	21	58	69
2	9	8	2	71	30	30	91	60	−25	17
3	4	41	87	2	7	15	−36	82	36	20
4	81	−5	4	3	61	49	24	37	74	94
5	6	3	61	89	54	86	50	95	−90	58
6	5	7	5	−67	2	67	−87	74	81	83
7	62	−26	90	4	73					
8	73	90	3	5	8					
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	97	40	6	7	9	65	35	56	75	29
2	13	−3	21	59	30	39	82	70	−23	75
3	2	98	43	2	5	48	−10	48	81	48
4	8	5	5	−61	76	50	57	27	92	37
5	60	−81	30	8	42	82	−49	81	56	60
6	79	4	7	−4	8	71	68	93	−40	15
7	4	6	82	93	61					
8	5	72	9	80	3					
Ans										

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽**(模擬試題)

得分	總分120分
Score	

◎乘心算共40題(每題1分) / ◎40 Questions each 1 points

小學五、六年級(第一節) / Primary 5 and 6 Set 1

限時三分鐘 / Time limit : 3 minutes

1	802 × 7 =	11	148 × 7 =	21	180 × 6 =	31	301 × 4 =
2	431 × 5 =	12	495 × 9 =	22	937 × 8 =	32	207 × 3 =
3	510 × 5 =	13	657 × 3 =	23	614 × 3 =	33	536 × 5 =
4	347 × 9 =	14	901 × 2 =	24	358 × 5 =	34	714 × 2 =
5	765 × 8 =	15	802 × 6 =	25	572 × 7 =	35	613 × 6 =
6	918 × 4 =	16	283 × 8 =	26	816 × 4 =	36	470 × 4 =
7	706 × 2 =	17	514 × 5 =	27	403 × 9 =	37	902 × 7 =
8	204 × 9 =	18	319 × 7 =	28	791 × 4 =	38	128 × 6 =
9	189 × 6 =	19	306 × 2 =	29	205 × 6 =	39	985 × 8 =
10	623 × 3 =	20	760 × 4 =	30	209 × 2 =	40	859 × 9 =

◎除心算共40題(每題1分) / ◎40 Questions each 1 points

1	4,080 ÷ 8 =	11	2,864 ÷ 4 =	21	870 ÷ 6 =	31	3,573 ÷ 9 =
2	704 ÷ 2 =	12	1,034 ÷ 2 =	22	4,810 ÷ 5 =	32	6,671 ÷ 7 =
3	4,025 ÷ 5 =	13	2,416 ÷ 4 =	23	5,250 ÷ 7 =	33	4,368 ÷ 6 =
4	1,848 ÷ 8 =	14	7,696 ÷ 8 =	24	1,035 ÷ 5 =	34	1,056 ÷ 8 =
5	2,172 ÷ 3 =	15	702 ÷ 2 =	25	1,608 ÷ 8 =	35	2,613 ÷ 3 =
6	1,876 ÷ 4 =	16	6,090 ÷ 7 =	26	3,576 ÷ 4 =	36	1,254 ÷ 6 =
7	5,418 ÷ 6 =	17	2,910 ÷ 6 =	27	3,627 ÷ 9 =	37	2,920 ÷ 5 =
8	5,832 ÷ 9 =	18	2,151 ÷ 9 =	28	957 ÷ 3 =	38	1,620 ÷ 4 =
9	6,419 ÷ 7 =	19	540 ÷ 5 =	29	4,256 ÷ 7 =	39	424 ÷ 4 =
10	742 ÷ 7 =	20	2,709 ÷ 3 =	30	858 ÷ 3 =	40	1,220 ÷ 2 =

◎加減心算共20題(每題2分) / ◎20 Questions each 2 points

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	95	28	74	91	57	86	63	23	84	59	69	43	21	67	89	16	42	79	89	58
2	27	61	96	46	98	24	28	89	−25	21	14	97	85	98	91	73	98	67	−12	19
3	14	19	85	28	81	39	91	36	52	30	23	−25	96	−15	32	84	23	34	36	64
4	78	−24	23	50	26	28	−26	47	27	68	78	74	48	32	74	57	−34	12	50	23
5	53	46	17	−34	34	15	75	98	93	94	95	36	17	24	50	31	69	25	27	87
6	89	37	38	83	10	97	−40	14	79	76	30	−18	74	−41	17	48	17	86	−95	91
7	41	−53	60	72	35	71	14	65	31	57	87	60	32	86	45	25	−76	13	68	32
8	26	80	89	−69	42	52	37	70	−68	82	32	51	63	−70	63	62	25	98	43	76
9	30	−72	41	35	73	63	−52	51	46	43	56	−29	19	23	36	19	−81	50	24	65
10	62	95	52	−17	69	40	89	42	−10	15	41	82	50	59	28	90	50	41	−71	40
Ans																				

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

得分	總分80分
Score	

小學五、六年級(同分加賽) / Primary 5 and 6 Set 2

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 / Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	64	56	92	95	86	62	12	13	69	94
2	75	90	30	10	74	98	69	73	−17	79
3	82	64	14	82	20	71	−64	18	91	56
4	23	82	75	74	59	24	93	65	73	40
5	98	−31	46	26	12	36	−71	24	30	63
6	19	27	68	−47	93	50	20	97	85	80
7	50	−80	27	51	86	47	35	86	−65	15
8	47	39	90	−38	25	85	87	50	28	38
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	91	97	18	62	43	37	41	49	97	83
2	75	78	20	16	30	53	64	86	−70	50
3	87	−13	76	−30	12	16	98	75	56	68
4	54	36	57	18	94	21	73	51	−19	54
5	28	84	49	74	67	74	−10	24	20	71
6	19	95	24	−45	75	90	32	92	48	24
7	62	15	93	98	58	82	−76	13	34	12
8	30	−60	30	39	21	65	82	70	83	96
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	41	82	21	67	76	82	76	58	85	16
2	39	57	17	75	43	78	−14	23	71	49
3	76	13	72	−16	51	90	90	74	49	84
4	52	60	80	24	16	17	24	53	−38	97
5	98	−78	46	39	39	29	85	67	53	73
6	75	21	35	81	20	53	57	90	−10	52
7	30	−34	58	92	84	64	92	49	87	61
8	24	96	90	−30	95	41	−31	61	26	20
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	82	74	23	51	48	39	58	17	53	57
2	27	50	50	93	65	25	−20	84	19	69
3	68	69	98	−20	92	40	62	79	78	43
4	31	81	49	68	14	74	36	28	−52	50
5	15	−58	86	−47	30	86	70	90	26	84
6	40	36	14	39	57	51	45	15	−40	16
7	76	−43	65	87	86	25	14	36	81	91
8	59	20	32	16	29	97	−89	43	34	70
Ans										

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)/ **2024年香港國際數學心算競賽**(模擬試題)

得分	總分120分
Score	

◎乘心算共40題(每題1分) / ◎40 Questions each 1 points

國高中組(第一節) / High School and Secondary School Set 1

限時三分鐘 / Time limit : 3 minutes

1	58 × 20 =	11	72 × 15 =	21	82 × 70 =	31	46 × 90 =
2	79 × 39 =	12	25 × 21 =	22	41 × 35 =	32	60 × 14 =
3	91 × 71 =	13	51 × 93 =	23	50 × 51 =	33	38 × 62 =
4	32 × 20 =	14	30 × 90 =	24	37 × 49 =	34	82 × 80 =
5	60 × 53 =	15	40 × 68 =	25	75 × 68 =	35	90 × 26 =
6	25 × 84 =	16	87 × 84 =	26	98 × 14 =	36	51 × 59 =
7	13 × 95 =	17	43 × 46 =	27	60 × 72 =	37	13 × 75 =
8	40 × 18 =	18	16 × 57 =	28	24 × 90 =	38	74 × 37 =
9	47 × 46 =	19	69 × 72 =	29	19 × 86 =	39	95 × 43 =
10	86 × 67 =	20	98 × 30 =	30	63 × 23 =	40	27 × 81 =

◎除心算共40題(每題1分) / ◎40 Questions each 1 points

1	4,050 ÷ 81 =	11	1,863 ÷ 23 =	21	784 ÷ 14 =	31	2,135 ÷ 61 =
2	1,664 ÷ 52 =	12	1,003 ÷ 17 =	22	644 ÷ 46 =	32	1,344 ÷ 28 =
3	4,250 ÷ 50 =	13	2,736 ÷ 38 =	23	8,918 ÷ 91 =	33	896 ÷ 56 =
4	798 ÷ 38 =	14	2,400 ÷ 60 =	24	7,380 ÷ 82 =	34	2,100 ÷ 70 =
5	1,702 ÷ 23 =	15	4,473 ÷ 71 =	25	1,860 ÷ 30 =	35	5,880 ÷ 84 =
6	3,136 ÷ 64 =	16	3,404 ÷ 92 =	26	4,060 ÷ 58 =	36	4,606 ÷ 49 =
7	2,880 ÷ 96 =	17	4,700 ÷ 50 =	27	4,150 ÷ 50 =	37	3,293 ÷ 37 =
8	3,332 ÷ 49 =	18	7,120 ÷ 89 =	28	3,239 ÷ 79 =	38	5,890 ÷ 95 =
9	1,649 ÷ 17 =	19	1,664 ÷ 64 =	29	999 ÷ 27 =	39	1,710 ÷ 30 =
10	1,120 ÷ 70 =	20	675 ÷ 45 =	30	1,575 ÷ 63 =	40	252 ÷ 12 =

◎加減心算共20題(每題2分) / ◎20 Questions each 2 points

NO	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	$ 8.05	$ 5.30	$ 8.39	$ 9.68	$ 7.05	$ 9.07	$ 7.25	$ 1.76	$ 5.69	$ .96	$ .95	$ 8.63	$ .79	$ 8.94	$ 1.29	$ .72	$ 9.80	$ .94	$ 5.37	$ .35
2	.92	−.16	2.06	−8.07	.59	.76	.92	.54	.16	.37	1.20	−2.01	9.51	.21	8.10	3.56	.13	4.76	.78	5.82
3	.13	.21	.41	2.80	.26	4.91	−4.09	4.08	−3.07	4.90	6.19	.24	.23	.37	5.42	.61	−8.01	1.09	−2.05	.67
4	2.07	2.54	.68	−.35	8.03	.39	.51	.15	.75	.53	.53	.79	3.90	−1.46	.95	5.20	.54	.25	9.51	8.20
5	.21	7.65	1.83	.79	3.47	6.53	3.04	6.87	2.14	1.32	.24	.38	4.06	.59	.46	1.64	−.37	.53	−.16	.73
6	.64	−3.08	.52	5.23	.14	.25	−.16	.72	4.02	.21	7.61	9.45	8.15	−.62	9.07	9.08	6.72	7.28	3.29	4.51
7	3.40	.67	3.60	.54	.91	.82	6.78	3.90	−.31	6.85	3.06	−.52	6.27	7.20	.38	.39	2.06	.81	−.80	2.49
8	.78	−.93	.25	1.46	4.52	5.78	8.40	.21	.93	8.04	.87	6.10	.52	4.15	.21	2.13	7.68	4.92	.64	1.06
9	4.56	4.79	9.07	−.61	6.30	.14	−.23	.89	−.68	.79	4.08	−.47	.64	−.38	.73	.47	−.29	6.80	1.93	.18
10	5.39	.82	.74	.42	.98	2.40	.17	9.43	8.40	2.48	.52	1.86	.18	9.03	6.04	.85	.45	.37	.42	.94
Ans	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$	$

The HongKong International Mathematics and Mental Arithmetic Competition 2024 (Simulation test)

2024年香港國際數學心算競賽(模擬試題)

得分	總分80分
Score	

國 高 中 組(同分加賽) / High School and Secondary School Set 2

◎加減心算共40題(每題2分) / ◎40 Questions each 2 points　　限時一分鐘 / Time limit : 1 minutes

NO	1	2	3	4	5	6	7	8	9	10
1	35	76	59	97	21	96	68	47	96	28
2	98	18	43	−74	86	21	87	34	57	67
3	51	89	37	36	94	62	−31	12	−12	39
4	86	−24	28	10	37	17	59	21	21	15
5	19	32	90	28	32	43	−20	93	78	92
6	62	−51	65	62	73	39	43	49	10	84
7	31	10	81	−43	18	10	12	68	39	71
8	24	93	94	31	25	54	−95	50	−43	20
9	73	42	12	−85	69	78	30	71	82	56
10	20	−67	76	59	40	80	76	86	−65	43
Ans										

NO	11	12	13	14	15	16	17	18	19	20
1	68	47	79	84	32	59	95	78	97	86
2	45	98	54	93	96	24	58	81	−28	21
3	14	−59	15	72	43	31	−23	97	59	59
4	32	12	83	41	25	85	67	24	36	34
5	56	−34	28	−50	71	43	76	32	81	90
6	91	25	46	36	80	67	−24	86	−34	18
7	29	46	30	−67	64	78	31	43	13	43
8	43	81	81	38	29	30	−12	15	65	72
9	87	−73	92	15	17	16	49	60	72	67
10	70	60	67	−29	38	92	80	59	−40	95
Ans										

NO	21	22	23	24	25	26	27	28	29	30
1	17	84	79	51	85	26	96	34	69	19
2	68	31	58	−23	71	89	54	26	17	48
3	82	98	35	15	29	64	−41	18	23	63
4	40	−76	26	78	32	72	38	72	−46	37
5	54	45	43	46	40	18	−87	97	38	76
6	23	32	61	−92	98	57	20	60	−70	25
7	75	−60	82	20	64	31	75	45	51	92
8	36	29	97	−34	56	95	−12	53	14	50
9	91	−57	10	87	73	40	53	89	95	61
10	69	13	74	69	17	83	69	71	−82	84
Ans										

NO	31	32	33	34	35	36	37	38	39	40
1	78	63	14	69	96	48	68	15	98	72
2	34	72	37	48	51	37	−34	98	67	87
3	90	97	98	−37	89	21	12	89	−23	51
4	47	−21	45	26	72	95	79	42	56	36
5	51	49	63	54	30	16	−57	73	14	25
6	25	−58	51	92	47	74	91	36	−82	94
7	16	30	72	−75	15	42	70	60	75	10
8	89	15	46	41	63	80	−25	51	30	69
9	63	94	29	−13	98	53	46	24	−69	48
10	32	−86	80	80	24	69	83	87	41	53
Ans										

2024年香港國際數學心算競賽（模擬試題）(心算解答)

幼兒園中班(K2)

	第一項目(Set1) 加減算(±)			第二項目(Set2) 加減算(±)
1	9	41	18	20
2	8	42	15	13
3	9	43	21	16
4	5	44	12	2
5	8	45	25	26
6	9	46	12	17
7	5	47	16	16
8	8	48	18	20
9	9	49	10	10
10	9	50	18	22
11	8	51	19	19
12	4	52	3	12
13	9	53	21	20
14	7	54	5	8
15	9	55	18	25
16	9	56	19	25
17	2	57	17	12
18	9	58	20	15
19	7	59	11	18
20	9	60	19	17
21	9			
22	9			
23	9			
24	8			
25	6			
26	7			
27	4			
28	9			
29	2			
30	7			
31	6			
32	4			
33	9			
34	1			
35	9			
36	6			
37	8			
38	9			
39	1			
40	8			

幼兒園大班(K3)

	第一項目(Set1) 加減算(±)			第二項目(Set2) 加減算(±)
1	19	41	30	35
2	9	42	1	10
3	25	43	27	28
4	18	44	10	11
5	20	45	32	31
6	17	46	28	28
7	2	47	9	11
8	25	48	29	32
9	8	49	11	14
10	21	50	28	27
11	18	51	24	26
12	16	52	4	7
13	19	53	25	33
14	10	54	14	9
15	17	55	34	34
16	16	56	31	31
17	16	57	6	22
18	20	58	34	30
19	10	59	10	14
20	14	60	30	30
21	19	21	30	31
22	8	22	18	14
23	25	23	27	29
24	12	24	14	4
25	21	25	27	36
26	22	26	29	25
27	15	27	17	21
28	19	28	28	32
29	4	29	17	6
30	18	30	21	24
31	21	31	29	28
32	10	32	15	3
33	19	33	30	29
34	6	34	15	20
35	16	35	23	24
36	15	36	22	32
37	12	37	15	8
38	17	38	31	25
39	16	39	11	15
40	16	40	25	29

小一(P1)

	第一項目(Set1) 加減算(±)			第二項目(Set2) 加減算(±)
1	20	41	40	33
2	14	42	18	15
3	26	43	35	38
4	16	44	12	20
5	20	45	28	31
6	25	46	38	42
7	16	47	17	12
8	22	48	40	31
9	19	49	16	14
10	28	50	37	41
11	24	51	38	36
12	16	52	22	11
13	28	53	42	30
14	12	54	11	18
15	28	55	30	30
16	18	56	34	29
17	25	57	19	27
18	19	58	34	32
19	14	59	25	18
20	29	60	34	39
21	27	21	34	37
22	19	22	20	10
23	21	23	28	34
24	10	24	14	13
25	28	25	38	32
26	28	26	34	36
27	0	27	17	14
28	29	28	38	33
29	20	29	22	11
30	23	30	34	42
31	28	31	35	30
32	7	32	22	25
33	31	33	38	32
34	6	34	18	15
35	31	35	28	40
36	33	36	31	34
37	11	37	12	21
38	36	38	39	34
39	3	39	17	9
40	29	40	38	31

小二(P2)

	第一項目(Set1) 加減算(±)			第二項目(Set2) 加減算(±)
1	36	41	36	41
2	11	42	29	20
3	30	43	41	34
4	15	44	9	13
5	34	45	36	41
6	28	46	137	136
7	11	47	68	30
8	30	48	172	256
9	14	49	44	95
10	25	50	230	257
11	31	51	42	36
12	14	52	5	32
13	29	53	44	40
14	17	54	25	22
15	33	55	37	42
16	29	56	145	158
17	9	57	73	129
18	27	58	138	148
19	10	59	58	109
20	39	60	202	189
21	40	21	360	32
22	29	22	50	70
23	37	23	153	63
24	22	24	270	56
25	39	25	280	79
26	114	26	348	28
27	31	27	258	84
28	166	28	112	15
29	43	29	138	41
30	162	30	294	90
31	39	31	476	81
32	26	32	651	59
33	41	33	54	72
34	17	34	93	40
35	41	35	640	63
36	173	36	450	37
37	101	37	120	94
38	188	38	486	80
39	69	39	288	26
40	154	40	276	15

小三及小四(P3,P4)

	第一項目(Set1) 乘算(×)		除算(÷)		加減算(±)	第二項目(Set2) 加減算(±)
1	116	1	50	1	398	240
2	711	2	32	2	299	93
3	637	3	85	3	399	243
4	64	4	21	4	322	195
5	180	5	74	5	369	214
6	100	6	49	6	413	256
7	65	7	30	7	233	119
8	320	8	68	8	469	316
9	282	9	97	9	250	222
10	602	10	16	10	395	312
11	48	11	31	11	473	246
12	315	12	74	12	287	114
13	728	13	86	13	422	244
14	392	14	70	14	290	178
15	234	15	28	15	451	225
16	423	16	40	16	484	272
17	480	17	92	17	322	70
18	246	18	63	18	455	315
19	280	19	59	19	199	106
20	60	20	15	20	474	290
21	270	21	1,080	21	145	
22	130	22	7,496	22	962	
23	330	23	1,842	23	750	
24	197	24	1,790	24	207	
25	244	25	4,004	25	201	
26	275	26	3,264	26	894	
27	84	27	3,627	27	403	
28	369	28	3,164	28	319	
29	134	29	1,230	29	608	
30	341	30	418	30	286	
31	268	31	1,204	31	397	
32	141	32	621	32	953	
33	203	33	2,680	33	728	
34	184	34	1,428	34	132	
35	234	35	3,678	35	871	
36	355	36	1,880	36	209	
37	183	37	6,314	37	584	
38	375	38	768	38	405	
39	241	39	7,880	39	106	
40	264	40	7,731	40	610	

小五及小六(P5,P6)

	第一項目(Set1) 乘算(×)		除算		加減算(±)	第二項目(Set2) 加減算(±)
1	5,614	1	510	1	515	458
2	2,155	2	352	2	217	247
3	2,550	3	805	3	575	442
4	3,123	4	231	4	285	253
5	6,120	5	724	5	525	455
6	3,672	6	469	6	515	473
7	1,412	7	903	7	279	181
8	1,836	8	648	8	535	426
9	1,134	9	917	9	309	294
10	1,869	10	106	10	545	465
11	1,036	11	716	11	525	446
12	4,455	12	517	12	371	332
13	1,971	13	604	13	505	367
14	1,802	14	962	14	263	232
15	4,812	15	351	15	525	400
16	2,264	16	870	16	505	438
17	2,570	17	485	17	133	304
18	2,233	18	239	18	505	460
19	612	19	108	19	159	249
20	3,040	20	903	20	555	458
21	435	21	5,740	21	56	
22	217	22	1,435	22	14	
23	419	23	2,550	23	98	
24	332	24	1,813	24	90	
25	424	25	5,100	25	62	
26	454	26	1,372	26	70	
27	379	27	4,320	27	83	
28	475	28	2,160	28	41	
29	323	29	1,634	29	37	
30	452	30	1,449	30	25	
31	398	31	4,140	31	35	
32	229	32	840	32	48	
33	417	33	2,356	33	16	
34	287	34	6,560	34	30	
35	421	35	2,340	35	70	
36	437	36	3,009	36	94	
37	176	37	975	37	89	
38	392	38	2,738	38	62	
39	199	39	4,085	39	57	
40	480	40	2,187	40	21	

國高中組(G7~G9,High School)

	第一項目(Set1) 乘算(×)		除算(÷)		加減算(±)	第二項目(Set2) 加減算(±)
1	1,160	1	50	1	26.15	499
2	3,081	2	32	2	17.81	218
3	6,461	3	85	3	27.55	585
4	640	4	21	4	11.89	121
5	3,180	5	74	5	32.25	495
6	2,100	6	49	6	31.05	500
7	1,235	7	30	7	22.59	229
8	720	8	68	8	28.55	531
9	2,162	9	97	9	18.03	263
10	5,762	10	16	10	26.45	515
11	1,080	11	81	11	25.25	535
12	525	12	59	12	24.45	203
13	4,743	13	72	13	34.25	575
14	2,700	14	40	14	28.03	233
15	2,720	15	63	15	32.65	495
16	7,308	16	37	16	24.65	525
17	1,978	17	94	17	18.71	397
18	912	18	80	18	27.75	575
19	4,968	19	26	19	18.93	321
20	2,940	20	15	20	24.95	585
21	555					
22	139					
23	565					
24	217					
25	565					
26	575					
27	265					
28	565					
29	109					
30	555					
31	525					
32	255					
33	535					
34	285					
35	585					
36	535					
37	333					
38	575					
39	207					
40	545					