

**Answer Key**  
**International Mental Arithmetic Test Book Vol.2 by 072 Jintakanit Dr.Miang**  
**Age 13 years old: Set 1**

Page 1 part 1: Multiply								Page 2 part 1: Multiply								Page 3 part 1: Multiply								Page 4 part 1: Multiply								Page 5 part 1: Multiply								Page 6 part 1: Multiply							
1	1,273	11	2,628	21	4,758	31	2,442	1	2,166	11	629	21	2,088	31	6,230	1	3,015	11	3,397	21	2,016	31	1,920	1	6,570	11	2,697	21	1,428	31	6,930	1	5,103	11	504	21	3,026	31	1,120	1	1,160	11	2,880	21	8,415	31	1,161
2	1,092	12	1,040	22	3,160	32	969	2	1,335	12	2,343	22	1,550	32	4,644	2	1,164	12	2,040	22	9,009	32	1,540	2	1,176	12	864	22	867	32	840	2	4,071	12	2,640	22	1,323	32	7,719	2	3,230	12	1,518	22	2,709	32	2,117
3	9,120	13	944	23	850	33	4,732	3	1,863	13	5,429	23	637	33	324	3	1,755	13	976	23	715	33	3,920	3	5,475	13	5,727	23	2,091	33	3,588	3	1,798	13	2,821	23	4,851	33	7,802	3	7,920	13	1,170	23	4,158	33	1,711
4	3,220	14	1,121	24	1,276	34	1,628	4	600	14	4,462	24	6,480	34	648	4	5,481	14	1,386	24	638	34	630	4	8,550	14	8,712	24	1,633	34	1,185	4	806	14	1,520	24	1,650	34	513	4	2,200	14	3,774	24	3,172	34	874
5	2,173	15	4,100	25	1,029	35	1,221	5	950	15	1,909	25	2,703	35	1,311	5	8,712	15	1,140	25	2,701	35	180	5	5,658	15	3,956	25	3,293	35	3,362	5	5,760	15	4,752	25	3,315	35	7,482	5	972	15	2,665	25	1,518	35	2,960
6	902	16	2,349	26	3,666	36	3,915	6	6,956	16	4,165	26	3,182	36	3,432	6	774	16	2,541	26	5,270	36	2,100	6	1,001	16	1,568	26	765	36	4,704	6	2,387	16	2,756	26	1,230	36	4,992	6	3,550	16	4,960	26	481	36	4,160
7	5,170	17	5,529	27	4,968	37	182	7	4,437	17	870	27	1,768	37	3,135	7	3,774	17	7,154	27	5,544	37	2,240	7	2,296	17	1,232	27	3,569	37	1,840	7	7,315	17	767	27	1,848	37	1,615	7	1,098	17	1,824	27	2,304	37	1,032
8	230	18	1,881	28	4,200	38	6,612	8	3,280	18	2,065	28	559	38	1,976	8	4,080	18	492	28	3,666	38	392	8	4,465	18	1,845	28	5,044	38	996	8	4,278	18	7,031	28	5,184	38	8,455	8	2,912	18	4,864	28	1,404	38	1,066
9	1,541	19	8,170	29	744	39	7,280	9	2,914	19	2,156	29	143	39	5,644	9	368	19	5,046	29	1,891	39	1,914	9	2,542	19	3,255	29	1,584	39	390	9	945	19	1,885	29	1,394	39	4,814	9	2,320	19	3,149	29	1,106	39	5,394
10	1,260	20	820	30	6,930	40	1,920	10	2,079	20	6,210	30	2,700	40	3,773	10	1,209	20	825	30	3,344	40	5,115	10	7,650	20	750	30	572	40	2,349	10	3,483	20	2,640	30	768	40	204	10	6,438	20	7,812	30	4,980	40	6,314
Page 1 part 2: Divide								Page 2 part 2: Divide								Page 3 part 2: Divide								Page 4 part 2: Divide								Page 5 part 2: Divide								Page 6 part 2: Divide							
1	36	11	74	21	95	31	73	1	18	11	56	21	58	31	99	1	80	11	96	21	65	31	32	1	41	11	67	21	41	31	72	1	72	11	62	21	12	31	17	1	92	11	91	21	69	31	32
2	12	12	99	22	60	32	98	2	97	12	27	22	74	32	17	2	57	12	81	22	64	32	79	2	92	12	14	22	71	32	58	2	61	12	27	22	36	32	50	2	55	12	47	22	95	32	93
3	27	13	18	23	73	33	14	3	38	13	74	23	78	33	43	3	59	13	37	23	10	33	86	3	78	13	40	23	72	33	10	3	86	13	36	23	40	33	10	3	27	13	13	23	77	33	39
4	49	14	61	24	96	34	78	4	98	14	61	24	38	34	76	4	71	14	91	24	97	34	69	4	18	14	74	24	61	34	23	4	74	14	67	24	31	34	99	4	85	14	67	24	63	34	57
5	72	15	58	25	55	35	46	5	96	15	56	25	86	35	28	5	46	15	41	25	14	35	90	5	71	15	34	25	47	35	42	5	51	15	80	25	21	35	58	5	13	15	33	25	92	35	49
6	68	16	27	26	63	36	88	6	52	16	69	26	45	36	24	6	53	16	81	26	61	36	91	6	48	16	51	26	84	36	84	6	45	16	76	26	16	36	82	6	29	16	61	26	39	36	59
7	58	17	14	27	53	37	51	7	88	17	27	27	18	37	88	7	26	17	54	27	44	37	36	7	89	17	44	27	40	37	43	7	74	17	79	27	35	37	81	7	23	17	68	27	29	37	99
8	25	18	17	28	68	38	55	8	77	18	63	28	52	38	12	8	75	18	79	28	36	38	61	8	33	18	98	28	76	38	36	8	32	18	61	28	78	38	18	8	98	18	82	28	99	38	12
9	20	19	73	29	76	39	17	9	31	19	13	29	25	39	16	9	31	19	61	29	41	39	92	9	47	19	81	29	44	39	15	9	61	19	60	29	91	39	26	9	98	19	48	29	37	39	51
10	76	20	12	30	94	40	44	10	97	20	60	30	39	40	60	10	39	20	57	30	52	40	22	10	31	20	59	30	37	40	53	10	35	20	11	30	73	40	77	10	18	20	74	30	83	40	61

Page 7 part 1: Multiply							Page 8 part 1: Multiply							Page 9 part 1: Multiply							Page 10 part 1: Multiply							Page 11 part 1: Multiply							Page 12 part 1: Multiply												
1	2,537	11	1,170	21	638	31	2,613	1	1,444	11	4,048	21	2,220	31	2,120	1	2,100	11	3,526	21	7,790	31	1,274	1	1,628	11	912	21	6,555	31	1,088	1	2,701	11	552	21	2,240	31	1,184	1	714	11	3,740	21	2,842	31	4,664
2	2,336	12	645	22	6,175	32	1,872	2	3,010	12	1,440	22	900	32	6,532	2	1,170	12	660	22	1,008	32	1,632	2	4,060	12	4,779	22	5,376	32	3,358	2	3,741	12	2,314	22	888	32	4,484	2	504	12	946	22	4,350	32	4,234
3	2,736	13	756	23	4,212	33	5,035	3	3,003	13	2,047	23	2,756	33	1,647	3	3,185	13	1,680	23	2,025	33	4,004	3	4,505	13	5,508	23	2,052	33	1,890	3	6,278	13	5,658	23	1,400	33	6,612	3	3,111	13	1,246	23	1,131	33	2,256
4	3,010	14	475	24	3,384	34	1,173	4	1,598	14	154	24	1,178	34	7,280	4	1,960	14	3,344	24	4,928	34	2,703	4	9,207	14	7,030	24	1,827	34	7,885	4	590	14	6,375	24	1,369	34	1,040	4	3,328	14	480	24	3,360	34	1,365
5	4,012	15	252	25	8,536	35	756	5	1,150	15	1,800	25	507	35	1,443	5	2,176	15	5,329	25	4,462	35	2,250	5	1,245	15	1,909	25	1,551	35	6,804	5	1,975	15	2,015	25	4,650	35	2,262	5	4,602	15	704	25	3,074	35	2,822
6	2,728	16	4,293	26	6,912	36	4,389	6	3,720	16	1,302	26	540	36	4,712	6	7,029	16	7,052	26	1,485	36	4,840	6	341	16	3,360	26	2,350	36	1,408	6	2,106	16	252	26	286	36	2,300	6	1,590	16	3,132	26	3,486	36	1,464
7	4,212	17	5,175	27	1,406	37	5,184	7	4,650	17	533	27	832	37	1,425	7	1,501	17	1,984	27	2,880	37	2,346	7	7,626	17	1,305	27	512	37	925	7	1,849	17	2,907	27	1,815	37	552	7	4,018	17	2,601	27	1,577	37	3,420
8	1,040	18	3,864	28	3,430	38	969	8	648	18	490	28	3,705	38	1,598	8	532	18	1,504	28	624	38	9,021	8	624	18	5,332	28	5,467	38	2,970	8	3,366	18	3,828	28	2,375	38	216	8	1,001	18	306	28	3,813	38	779
9	3,612	19	513	29	680	39	2,116	9	1,813	19	6,660	29	1,653	39	540	9	2,336	19	1,278	29	1,660	39	4,368	9	6,120	19	9,405	29	2,475	39	2,002	9	2,592	19	3,750	29	5,688	39	1,833	9	1,975	19	2,760	29	2,754	39	1,271
10	720	20	1,870	30	1,269	40	8,245	10	1,848	20	1,120	30	2,688	40	4,092	10	2,310	20	4,850	30	2,156	40	1,704	10	1,600	20	6,132	30	7,755	40	3,762	10	2,046	20	3,182	30	5,301	40	3,784	10	2,665	20	2,607	30	3,710	40	1,909
Page 7 part 2: Divide							Page 8 part 2: Divide							Page 9 part 2: Divide							Page 10 part 2: Divide							Page 11 part 2: Divide							Page 12 part 2: Divide												
1	86	11	77	21	20	31	73	1	12	11	31	21	66	31	10	1	20	11	93	21	74	31	82	1	66	11	60	21	72	31	86	1	42	11	92	21	28	31	81	1	71	11	74	21	49	31	17
2	54	12	34	22	83	32	77	2	98	12	17	22	59	32	11	2	66	12	25	22	24	32	75	2	86	12	98	22	36	32	12	2	74	12	38	22	39	32	26	2	74	12	98	22	53	32	42
3	93	13	32	23	76	33	47	3	88	13	29	23	60	33	68	3	82	13	27	23	23	33	45	3	79	13	10	23	51	33	28	3	65	13	44	23	76	33	75	3	35	13	96	23	12	33	79
4	84	14	50	24	54	34	94	4	15	14	24	24	17	34	78	4	41	14	21	24	81	34	28	4	13	14	64	24	91	34	65	4	12	14	73	24	47	34	76	4	65	14	54	24	86	34	27
5	26	15	47	25	13	35	34	5	46	15	67	25	27	35	99	5	42	15	42	25	76	35	96	5	40	15	68	25	94	35	74	5	90	15	75	25	99	35	41	5	73	15	23	25	98	35	81
6	88	16	98	26	55	36	79	6	35	16	18	26	29	36	38	6	85	16	78	26	33	36	52	6	61	16	16	26	91	36	75	6	36	16	90	26	14	36	79	6	90	16	74	26	99	36	38
7	13	17	19	27	13	37	28	7	88	17	92	27	17	37	91	7	83	17	74	27	82	37	39	7	65	17	53	27	34	37	64	7	51	17	51	27	78	37	26	7	19	17	42	27	53	37	12
8	99	18	91	28	62	38	24	8	38	18	54	28	90	38	19	8	94	18	11	28	95	38	77	8	66	18	53	28	73	38	76	8	41	18	49	28	39	38	31	8	29	18	48	28	13	38	24
9	29	19	55	29	24	39	19	9	67	19	85	29	60	39	56	9	50	19	27	29	25	39	77	9	35	19	48	29	44	39	66	9	32	19	62	29	96	39	86	9	21	19	56	29	40	39	21
10	31	20	25	30	77	40	11	10	91	20	78	30	90	40	79	10	78	20	29	30	65	40	42	10	39	20	91	30	66	40	23	10	84	20	16	30	89	40	91	10	74	20	53	30	55	40	85