

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

Page 13 part 1: Multiply							Page 14 part 1: Multiply							Page 15 part 1: Multiply							Page 16 part 1: Multiply							Page 17 part 1: Multiply							Page 18 part 1: Multiply												
1	6,110	11	1,710	21	5,460	31	6,825	1	1,230	11	4,524	21	780	31	1,596	1	2,560	11	5,478	21	2,024	31	2,464	1	3,575	11	448	21	2,752	31	6,912	1	6,232	11	847	21	3,900	31	962	1	1,558	11	3,075	21	693	31	1,518
2	460	12	8,835	22	1,152	32	3,417	2	6,110	12	4,182	22	4,002	32	5,133	2	6,723	12	825	22	4,816	32	1,792	2	1,067	12	4,588	22	1,740	32	6,351	2	4,698	12	2,900	22	528	32	1,496	2	1,680	12	480	22	7,125	32	8,010
3	576	13	744	23	4,136	33	2,982	3	4,802	13	5,226	23	840	33	1,064	3	1,139	13	1,911	23	532	33	2,156	3	4,615	13	1,001	23	1,008	33	7,830	3	3,780	13	1,770	23	5,148	33	3,445	3	3,145	13	3,393	23	3,162	33	2,385
4	6,400	14	1,365	24	473	34	1,632	4	672	14	350	24	756	34	1,034	4	1,536	14	1,176	24	6,786	34	779	4	572	14	2,074	24	294	34	1,377	4	2,124	14	5,005	24	7,560	34	2,709	4	3,330	14	836	24	1,156	34	2,322
5	1,624	15	1,620	25	392	35	2,156	5	5,822	15	1,218	25	4,332	35	2,464	5	4,599	15	1,248	25	2,584	35	1,054	5	1,792	15	180	25	2,666	35	2,065	5	1,232	15	682	25	209	35	4,002	5	2,208	15	1,080	25	7,138	35	7,553
6	7,565	16	1,316	26	1,360	36	416	6	1,190	16	6,622	26	1,645	36	420	6	1,275	16	1,159	26	1,776	36	3,440	6	2,806	16	1,300	26	2,926	36	473	6	616	16	624	26	4,060	36	1,992	6	1,242	16	1,239	26	2,430	36	2,279
7	5,796	17	2,850	27	672	37	1,924	7	4,424	17	3,420	27	5,229	37	896	7	1,566	17	4,332	27	3,420	37	1,496	7	4,930	17	1,725	27	4,293	37	4,290	7	1,728	17	2,300	27	1,008	37	4,947	7	8,170	17	3,712	27	5,698	37	3,348
8	2,002	18	1,240	28	1,462	38	3,068	8	350	18	3,408	28	4,600	38	1,749	8	1,404	18	3,268	28	4,002	38	4,656	8	1,590	18	3,420	28	2,944	38	4,697	8	779	18	1,218	28	266	38	5,840	8	1,280	18	3,762	28	1,848	38	1,071
9	476	19	4,225	29	720	39	2,975	9	264	19	364	29	4,158	39	1,368	9	1,113	19	1,428	29	5,183	39	4,230	9	868	19	576	29	990	39	704	9	9,009	19	2,365	29	220	39	3,588	9	7,030	19	550	29	4,422	39	1,827
10	3,053	20	4,187	30	1,566	40	420	10	1,470	20	1,134	30	3,024	40	1,001	10	4,150	20	396	30	1,078	40	792	10	1,275	20	2,835	30	3,040	40	4,425	10	910	20	528	30	888	40	1,692	10	4,559	20	2,480	30	5,963	40	612
Page 13 part 2: Divide							Page 14 part 2: Divide							Page 15 part 2: Divide							Page 16 part 2: Divide							Page 17 part 2: Divide							Page 18 part 2: Divide												
1	55	11	57	21	19	31	85	1	77	11	70	21	30	31	50	1	75	11	82	21	74	31	72	1	84	11	50	21	87	31	81	1	16	11	35	21	10	31	55	1	92	11	21	21	86	31	19
2	88	12	40	22	71	32	45	2	69	12	40	22	44	32	64	2	66	12	51	22	47	32	66	2	39	12	17	22	63	32	59	2	11	12	39	22	18	32	84	2	65	12	21	22	76	32	21
3	23	13	87	23	99	33	66	3	33	13	88	23	41	33	84	3	36	13	53	23	67	33	31	3	67	13	54	23	19	33	42	3	63	13	57	23	45	33	16	3	28	13	59	23	55	33	98
4	19	14	70	24	78	34	73	4	16	14	67	24	30	34	62	4	36	14	76	24	58	34	11	4	98	14	17	24	38	34	74	4	99	14	67	24	67	34	15	4	77	14	52	24	57	34	38
5	65	15	93	25	51	35	42	5	35	15	40	25	17	35	17	5	21	15	52	25	58	35	19	5	22	15	45	25	41	35	70	5	17	15	31	25	26	35	57	5	94	15	58	25	90	35	25
6	73	16	64	26	56	36	20	6	49	16	79	26	64	36	53	6	57	16	81	26	29	36	96	6	68	16	47	26	12	36	81	6	22	16	85	26	87	36	19	6	95	16	12	26	73	36	58
7	28	17	26	27	48	37	38	7	51	17	43	27	83	37	88	7	39	17	99	27	80	37	38	7	14	17	97	27	20	37	25	7	33	17	15	27	17	37	30	7	72	17	99	27	97	37	87
8	81	18	90	28	66	38	29	8	11	18	31	28	13	38	33	8	49	18	33	28	81	38	70	8	68	18	95	28	61	38	43	8	80	18	41	28	69	38	74	8	66	18	96	28	88	38	55
9	77	19	18	29	52	39	40	9	79	19	16	29	68	39	50	9	79	19	52	29	76	39	90	9	91	19	92	29	27	39	90	9	54	19	99	29	33	39	90	9	64	19	49	29	68	39	57
10	18	20	37	30	89	40	78	10	28	20	40	30	59	40	16	10	65	20	93	30	98	40	77	10	83	20	12	30	55	40	58	10	65	20	27	30	74	40	83	10	63	20	41	30	57	40	98

Page 19 part 1: Multiply							Page 20 part 1: Multiply							Page 21 part 1: Multiply							Page 22 part 1: Multiply							Page 23 part 1: Multiply							Page 24 part 1: Multiply						
1	868	11	322	21	1,344	31	2,208	1	8,188	11	3,484	21	8,118	31	6,298	1		11		21		31		1		11		21		31		1		11		21		31			
2	1,752	12	3,168	22	6,831	32	1,608	2	3,773	12	168	22	2,226	32	4,230	2		12		22		32		2		12		22		32		2		12		22		32			
3	1,260	13	2,520	23	6,241	33	960	3	2,565	13	1,222	23	1,975	33	8,554	3		13		23		33		3		13		23		33		3		13		23		33			
4	1,677	14	560	24	6,256	34	2,296	4	1,968	14	1,752	24	4,980	34	1,470	4		14		24		34		4		14		24		34		4		14		24		34			
5	3,483	15	962	25	2,156	35	6,612	5	190	15	1,104	25	544	35	2,142	5		15		25		35		5		15		25		35		5		15		25		35			
6	3,640	16	6,478	26	1,034	36	8,730	6	1,512	16	4,368	26	2,700	36	6,279	6		16		26		36		6		16		26		36		6		16		26		36			
7	1,936	17	1,620	27	170	37	1,080	7	1,824	17	4,720	27	2,562	37	532	7		17		27		37		7		17		27		37		7		17		27		37			
8	3,375	18	1,850	28	1,204	38	1,178	8	6,480	18	1,139	28	513	38	850	8		18		28		38		8		18		28		38		8		18		28		38			
9	1,020	19	2,580	29	5,335	39	2,970	9	3,290	19	6,474	29	4,278	39	1,581	9		19		29		39		9		19		29		39		9		19		29		39			
10	2,040	20	3,864	30	4,543	40	1,575	10	748	20	490	30	2,256	40	1,464	10		20		30		40		10		20		30		40		10		20		30		40			
Page 19 part 2: Divide							Page 20 part 2: Divide							Page 21 part 2: Divide							Page 22 part 2: Divide							Page 23 part 2: Divide							Page 24 part 2: Divide						
1	21	11	86	21	42	31	17	1	46	11	22	21	65	31	52	1		11		21		31		1		11		21		31		1		11		21		31			
2	85	12	79	22	69	32	13	2	94	12	41	22	48	32	69	2		12		22		32		2		12		22		32		2		12		22		32			
3	86	13	18	23	77	33	60	3	10	13	90	23	50	33	18	3		13		23		33		3		13		23		33		3		13		23		33			
4	13	14	22	24	69	34	74	4	82	14	42	24	11	34	10	4		14		24		34		4		14		24		34		4		14		24		34			
5	55	15	49	25	18	35	45	5	42	15	99	25	95	35	87	5		15		25		35		5		15		25		35		5		15		25		35			
6	40	16	58	26	28	36	24	6	42	16	82	26	22	36	22	6		16		26		36		6		16		26		36		6		16		26		36			
7	59	17	31	27	64	37	90	7	73	17	14	27	62	37	49	7		17		27		37		7		17		27		37		7		17		27		37			
8	38	18	42	28	76	38	29	8	51	18	29	28	33	38	79	8		18		28		38		8		18		28		38		8		18		28		38			
9	33	19	51	29	95	39	12	9	70	19	70	29	49	39	51	9		19		29		39		9		19		29		39		9		19		29		39			
10	35	20	71	30	96	40	75	10	33	20	49	30	36	40	79	10		20		30		40		10		20		30		40		10		20		30		40			