



Global Mental Math Olympiad 2024

Practice Sheet 2-Answer Key

Zen Master Challenge

Section 1

Question Content	Option 1	Option 2	Option 3	Option 4
$28 + 9 - 3 = \underline{\quad}$	36	43	41	34
$37 + 6 - 4 = \underline{\quad}$	40	47	32	39
$91 + 8 - 6 = \underline{\quad}$	101	93	100	92
$25 + 9 - 5 = \underline{\quad}$	29	22	32	37
$54 + 3 - 2 = \underline{\quad}$	46	50	62	55
$16 - 8 - 2 = \underline{\quad}$	6	11	5	1
$56 - 8 - 7 = \underline{\quad}$	49	41	37	45
$74 - 3 - 2 = \underline{\quad}$	78	69	67	64
$92 - 2 - 1 = \underline{\quad}$	98	89	85	95
$37 - 8 - 5 = \underline{\quad}$	26	21	30	24

Section 2

Question Content	Option 1	Option 2	Option 3	Option 4
$74 + 46 = \underline{\quad}$	124	120	118	121
$43 + 91 = \underline{\quad}$	139	134	132	138
$75 + 95 = \underline{\quad}$	178	167	170	168
$41 + 51 = \underline{\quad}$	96	92	98	90
$67 + 14 = \underline{\quad}$	79	90	87	81
$55 + 47 - 46 = \underline{\quad}$	65	62	56	58
$90 + 59 - 29 = \underline{\quad}$	120	129	117	114
$73 + 67 - 56 = \underline{\quad}$	82	84	83	86
$46 + 35 - 29 = \underline{\quad}$	52	45	50	51
$91 + 25 - 24 = \underline{\quad}$	90	98	93	92
$98 - 49 - 12 = \underline{\quad}$	35	37	31	33
$97 - 41 - 29 = \underline{\quad}$	21	18	27	36
$98 - 94 - 1 = \underline{\quad}$	3	7	1	4
$70 - 58 - 10 = \underline{\quad}$	2	3	1	10
$58 - 53 - 4 = \underline{\quad}$	8	1	5	7



Section 3

Question Content	Option 1	Option 2	Option 3	Option 4
Double of 11 = __	23	20	22	29
Double of 48 = __	98	105	101	96
Double of 64 = __	120	123	130	128
Double of 25 = __	52	50	48	58
Double of 85 = __	167	173	166	170
Double of 156 = __	312	318	314	319
Double of 552 = __	1112	1104	1103	1096
Double of 985 = __	1970	1964	1975	1966
Double of 935 = __	1871	1875	1868	1870
Double of 950 = __	1898	1892	1900	1902
Double of 74 + Double of 78 = __	304	307	299	312
Double of 91 + Double of 35 = __	252	251	260	250
Double of 26 + Double of 99 = __	250	244	252	246
Double of 67 + Double of 27 = __	195	184	188	179
Double of 23 + Double of 89 = __	226	224	222	223

Section 4

Question Content	Option 1	Option 2	Option 3	Option 4
Double of 31 + Half of 52 = __	94	84	88	90
Double of 16 + Half of 42 = __	47	53	51	50
Double of 53 + Half of 42 = __	125	133	136	127
Double of 83 + Half of 38 = __	189	183	185	182
Double of 34 + Half of 88 = __	118	106	112	119
Double of 13 + Half of 170 = __	113	102	111	118
Double of 28 + Half of 124 = __	111	123	109	118
Double of 91 + Half of 170 = __	267	264	269	276
Double of 70 + Half of 144 = __	212	204	213	203
Double of 50 + Half of 168 = __	184	186	179	182
Double of 9 + Half of 44 = __	41	40	43	34



Double of 9 + Half of 98 = _	71	67	68	65
Double of 4 + Half of 32 = _	22	24	20	33
Double of 9 + Half of 30 = _	33	38	24	29
Double of 6 + Half of 94 = _	58	54	68	59
Double of 40 - Half of 20 = _	70	74	78	67
Double of 86 - Half of 42 = _	151	148	142	154
Double of 50 - Half of 20 = _	91	97	90	93
Double of 63 - Half of 28 = _	115	118	112	114
Double of 32 - Half of 8 = _	65	63	62	60
Half of 24 - Double of 6 = _	1	3	2	0
Half of 58 - Double of 8 = _	13	15	22	9
Half of 94 - Double of 8 = _	31	33	39	34
Half of 54 - Double of 1 = _	17	31	28	25
Half of 98 - Double of 8 = _	42	34	41	33
Half of 108 + Double of 31 = _	117	107	115	116
Half of 170 + Double of 32 = _	149	155	148	153
Half of 160 + Double of 75 = _	230	228	223	226
Half of 146 + Double of 14 = _	101	100	98	107
Half of 166 + Double of 36 = _	150	160	153	155
Double of 252 - Half of 50 = _	475	477	479	482
Double of 923 - Half of 222 = _	1740	1731	1733	1735
Double of 545 - Half of 272 = _	951	954	952	958
Double of 305 - Half of 144 = _	536	544	538	534
Double of 870 - Half of 248 = _	1608	1625	1622	1616

Section 5

Question Content	Option 1	Option 2	Option 3	Option 4
Triple of 86 = _	258	261	266	264
Triple of 38 = _	112	116	118	114
Triple of 19 = _	57	52	55	65
Triple of 42 = _	135	126	127	132



Triple of 65 = _	195	192	191	204
Triple of 332 = _	996	989	991	994
Triple of 839 = _	2519	2512	2515	2517
Triple of 720 = _	2164	2160	2167	2159
Triple of 850 = _	2559	2552	2550	2555
Triple of 204 = _	604	611	614	612

Section 6

Question Content	Option 1	Option 2	Option 3	Option 4
Half of 704 = _	352	361	345	356
Half of 924 = _	460	462	464	465
Half of 464 = _	237	234	240	232
Half of 888 = _	444	442	450	453
Half of 692 = _	344	338	346	345

Section 7

Question Content	Option 1	Option 2	Option 3	Option 4
Half of 7426 = _	3704	3713	3721	3720
Half of 6070 = _	3042	3037	3036	3035
Half of 7572 = _	3778	3786	3787	3794
Half of 6726 = _	3365	3362	3360	3363
Half of 4800 = _	2400	2398	2407	2402
Half of 166 + Half of 152 = _	166	160	151	159
Half of 174 + Half of 114 = _	136	137	142	144
Half of 168 + Half of 166 = _	170	167	173	174
Half of 136 + Half of 152 = _	150	149	142	144
Half of 108 + Half of 128 = _	118	114	122	123



Section 8

Question Content	Option 1	Option 2	Option 3	Option 4
Half of 144 - Triple of 12 = _	37	39	27	36
Half of 122 - Triple of 16 = _	13	18	7	15
Half of 192 - Triple of 29 = _	13	1	9	11
Half of 182 - Triple of 26 = _	22	19	13	4
Half of 180 - Triple of 12 = _	54	58	49	46

Section 9

Question Content	Option 1	Option 2	Option 3	Option 4
$8 \times 1 \times 5 =$ _	42	32	40	35
$9 \times 7 \times 2 =$ _	121	126	132	133
$3 \times 7 \times 1 =$ _	20	25	24	21
$6 \times 4 \times 1 =$ _	27	25	24	26
$7 \times 7 \times 8 =$ _	401	392	394	397
$10 \times 5 =$ _	54	49	43	50
$10 \times 3 =$ _	38	27	23	30
$10 \times 7 =$ _	66	65	72	70
$25 \times 4 =$ _	99	106	91	100
$15 \times 6 =$ _	88	98	90	81
$21 \times 6 =$ _	126	120	124	123
$98 \times 6 =$ _	588	586	580	596
$61 \times 5 =$ _	300	296	305	302
$87 \times 7 =$ _	605	611	615	609
$37 \times 3 =$ _	120	107	111	113

Section 10

Question Content	Option 1	Option 2	Option 3	Option 4
Multiple of 42 = _	132, 216, 299	133, 217, 303	129, 213, 296	126, 210, 294
Multiple of 59 = _	240, 358, 419	245, 361, 363	237, 355, 357	236, 354, 413
Multiple of 41 = _	82, 123, 287	85, 124, 289	90, 91, 294	87, 129, 293
Multiple of 52 = _	107, 157, 469	108, 161, 472	104, 156, 468	112, 165, 476



Multiple of 10 =	36, 65, 96	31, 61, 92	39, 69, 99	30, 60, 90
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Section 11

Question Content	Option 1	Option 2	Option 3	Option 4
$574 \times 9 = \underline{\quad}$	5172	5165	5168	5166
$660 \times 8 = \underline{\quad}$	5280	5276	5271	5283
$782 \times 2 = \underline{\quad}$	1568	1557	1567	1564
$621 \times 9 = \underline{\quad}$	5580	5590	5589	5584
$351 \times 8 = \underline{\quad}$	2801	2806	2808	2817
$474 \times 3 = \underline{\quad}$	1422	1425	1424	1431
$719 \times 5 = \underline{\quad}$	3595	3599	3589	3597
$844 \times 5 = \underline{\quad}$	4218	4228	4220	4221
$323 \times 9 = \underline{\quad}$	2902	2907	2908	2915
$470 \times 8 = \underline{\quad}$	3760	3758	3762	3753
$8792 \times 7 = \underline{\quad}$	61543	61542	61544	61545
$9595 \times 5 = \underline{\quad}$	47981	47976	47982	47975
$4185 \times 7 = \underline{\quad}$	29287	29295	29293	29301
$46247 \times 4 = \underline{\quad}$	184988	184990	184991	184994
$21626 \times 7 = \underline{\quad}$	151378	151385	151382	151384

Section 12

Question Content	Option 1	Option 2	Option 3	Option 4
Prime Factors of 57 =	3, 19	11, 27	8, 24	6, 21
Prime Factors of 32 =	9, 10, 11	6, 7	3, 4, 5	2, 2, 2, 2, 2
Prime Factors of 85 =	11, 22	5, 17	13, 26	8, 19
Prime Factors of 51 =	11, 25	6, 18	3, 17	8, 22
Prime Factors of 88 =	7, 8, 16	3, 4, 13	2, 2, 2, 11	11, 18
Prime Factors of 605 =	13, 18, 19	6, 14	5, 11, 11	9, 16
Prime Factors of 114 =	10, 12, 28	3, 6, 22	6, 9, 23	2, 3, 19
Prime Factors of 762 =	2, 3, 127	8, 9, 132	3, 5, 129	9, 10, 135



Prime Factors of 732 = _	6, 7, 65	10, 12, 70	2, 2, 3, 61	3, 5, 64
Prime Factors of 121 = _	12, 14	15, 17	18	11, 11
Prime Factors of 799 = _	18, 48	22, 53	26, 54	17, 47
Prime Factors of 498 = _	9, 11, 92	3, 4, 85	2, 3, 83	6, 9, 87
Prime Factors of 681 = _	8, 233	10, 234	3, 227	5, 229
Prime Factors of 284 = _	9, 11, 80	6, 7, 75	2, 2, 71	4, 5, 73
Prime Factors of 561 = _	12, 20, 26	3, 11, 17	6, 13, 19	8, 16, 22

Section 13

Question Content	Option 1	Option 2	Option 3	Option 4
$5^2 =$ _	30	25	16	33
$8^2 =$ _	66	64	69	59
$7^2 =$ _	53	40	45	49
$3^2 =$ _	10	11	9	12
$1^2 =$ _	5	7	1	2
$51^2 =$ _	2607	2603	2601	2610
$45^2 =$ _	2016	2032	2018	2025
$27^2 =$ _	721	729	736	733
$53^2 =$ _	2814	2807	2809	2816
$77^2 =$ _	5929	5935	5927	5923

Section 14

Question Content	Option 1	Option 2	Option 3	Option 4
$7^2 + 3^2 + 7^2 =$ _	114	107	113	103
$9^2 + 1^2 + 8^2 =$ _	142	144	146	150
$5^2 + 6^2 + 5^2 =$ _	88	82	80	86
$7^2 + 9^2 + 6^2 =$ _	163	166	164	168
$6^2 + 4^2 + 9^2 =$ _	130	133	141	129
$5^3 + 6^2 + 7^2 =$ _	212	208	210	216
$2^3 + 4^2 + 5^2 =$ _	40	43	55	49
$9^3 + 6^2 + 3^2 =$ _	774	782	768	769
$6^2 + 3^2 - 2^2 =$ _	50	41	43	45



$9^2 + 6^2 - 3^2 = \underline{\quad}$	106	108	115	105
$7^2 + 6^2 - 3^2 = \underline{\quad}$	76	75	84	85
$3^3 + 2^2 - 2^2 = \underline{\quad}$	31	25	28	27
$7^3 + 5^2 - 1^2 = \underline{\quad}$	365	368	361	367
$5^3 + 7^2 - 6^2 = \underline{\quad}$	144	140	131	138
$9^3 + 4^2 - 1^2 = \underline{\quad}$	744	746	747	737

Section 15

Question Content	Option 1	Option 2	Option 3	Option 4
50% of 18 = $\underline{\quad}$	9	3	11	0
50% of 86 = $\underline{\quad}$	43	45	44	36
50% of 78 = $\underline{\quad}$	30	47	39	45
50% of 98 = $\underline{\quad}$	42	58	46	49
50% of 66 = $\underline{\quad}$	33	42	28	31
25% of 116 = $\underline{\quad}$	24	29	22	23
50% of 374 = $\underline{\quad}$	191	187	178	190
20% of 345 = $\underline{\quad}$	75	62	69	67
65% of 540 = $\underline{\quad}$	344	352	353	351

Section 16

Question Content	Option 1	Option 2	Option 3	Option 4
$883 + 78 = \underline{\quad}$	963	969	961	958
$873 + 61 = \underline{\quad}$	934	926	925	928
$666 + 78 = \underline{\quad}$	749	737	744	740
$226 + 26 = \underline{\quad}$	256	249	259	252
$166 + 29 = \underline{\quad}$	198	195	197	204
$680 - 33 = \underline{\quad}$	639	642	645	647
$567 - 88 = \underline{\quad}$	481	475	482	479
$673 - 31 = \underline{\quad}$	643	642	648	634
$934 - 84 = \underline{\quad}$	850	858	847	853
$363 - 60 = \underline{\quad}$	311	303	297	307
$403 + 404 = \underline{\quad}$	807	799	808	809
$828 + 345 = \underline{\quad}$	1166	1178	1173	1172
$728 + 418 = \underline{\quad}$	1142	1149	1147	1146
$565 + 329 = \underline{\quad}$	894	890	893	897
$715 + 969 = \underline{\quad}$	1690	1686	1684	1675



Section 17

Question Content	Option 1	Option 2	Option 3	Option 4
$476 + 11 - 3 = \underline{\hspace{1cm}}$	476	484	490	486
$288 + 23 - 7 = \underline{\hspace{1cm}}$	300	304	301	296
$358 + 89 - 5 = \underline{\hspace{1cm}}$	435	443	439	442
$376 - 33 + 7 = \underline{\hspace{1cm}}$	350	356	352	343
$524 - 66 + 9 = \underline{\hspace{1cm}}$	467	469	471	468
$303 - 95 + 2 = \underline{\hspace{1cm}}$	204	217	210	205
$936 - 43 + 1 = \underline{\hspace{1cm}}$	886	898	894	888
$433 - 66 + 1 = \underline{\hspace{1cm}}$	365	368	359	363
$319 + 211 + 727 = \underline{\hspace{1cm}}$	1254	1257	1260	1264
$254 + 743 + 237 = \underline{\hspace{1cm}}$	1239	1233	1234	1241

Section 18

Question Content	Option 1	Option 2	Option 3	Option 4
22, 45, 32 Mean = $\underline{\hspace{1cm}}$	39	33	31	24
30, 45, 12 Mean = $\underline{\hspace{1cm}}$	31	27	29	23
53, 26, 68 Mean = $\underline{\hspace{1cm}}$	41	49	40	51
37, 59, 36 Mean = $\underline{\hspace{1cm}}$	40	44	47	43
14, 67, 75 Mean = $\underline{\hspace{1cm}}$	46	45	52	55
89, 31, 18, 93, 29 Mean = $\underline{\hspace{1cm}}$	58	53	52	47
19, 66, 75, 12, 68 Mean = $\underline{\hspace{1cm}}$	43	49	48	40
53, 49, 57, 70, 46 Mean = $\underline{\hspace{1cm}}$	55	48	57	56
79, 45, 67, 84, 50 Mean = $\underline{\hspace{1cm}}$	73	72	64	65
51, 46, 42, 72, 29 Mean = $\underline{\hspace{1cm}}$	48	46	57	51
13, 70, 28, 59, 85 Mean = $\underline{\hspace{1cm}}$	51	49	50	58
14, 62, 73, 18, 38 Mean = $\underline{\hspace{1cm}}$	41	47	40	35
40, 32, 75, 37, 76 Mean = $\underline{\hspace{1cm}}$	52	54	45	46
29, 94, 94, 31, 77 Mean = $\underline{\hspace{1cm}}$	73	59	65	69
38, 61, 56, 62, 73 Mean = $\underline{\hspace{1cm}}$	64	52	60	58



Section 19

Question Content	Option 1	Option 2	Option 3	Option 4
Remainder of $52 / 1 = \underline{\quad}$	0	3	4	2
Remainder of $25 / 5 = \underline{\quad}$	3	2	0	5
Remainder of $40 / 3 = \underline{\quad}$	2	3	4	1
Remainder of $90 / 2 = \underline{\quad}$	0	5	9	4
Remainder of $60 / 4 = \underline{\quad}$	0	9	5	8
Remainder of $45 / 7 = \underline{\quad}$	3	9	7	10
Remainder of $91 / 4 = \underline{\quad}$	7	4	2	3
Remainder of $82 / 2 = \underline{\quad}$	1	9	0	3
Remainder of $27 / 5 = \underline{\quad}$	2	11	3	8
Remainder of $76 / 4 = \underline{\quad}$	7	6	0	9

Section 20

Question Content	Option 1	Option 2	Option 3	Option 4
Find the LCM of 41 and 28 ?	1153	1154	1142	1148
Find the LCM of 85 and 66 ?	5610	5611	5615	5606
Find the LCM of 33 and 52 ?	1716	1718	1724	1712
Find the LCM of 17 and 44 ?	753	748	752	754
Find the LCM of 99 and 90 ?	996	990	987	985
Find the LCM of 30 and 14 ?	210	202	212	218
Find the LCM of 42 and 69 ?	965	973	970	966
Find the LCM of 87 and 36 ?	1044	1041	1042	1038
Find the LCM of 72 and 43 ?	3096	3102	3087	3104
Find the LCM of 70 and 17 ?	1190	1191	1192	1182
Find the LCM of 95 and 20 ?	373	380	377	378
Find the LCM of 31 and 87 ?	2700	2698	2699	2697
Find the LCM of 37 and 53 ?	1961	1969	1968	1964
Find the LCM of 23 and 43 ?	988	993	989	996
Find the LCM of 87 and 41 ?	3567	3559	3569	3558



Section 21

Question Content	Option 1	Option 2	Option 3	Option 4
Find the HCF of 42, 90 = _	2	6	11	14
Find the HCF of 18, 49 = _	3	1	4	9
Find the HCF of 72, 12 = _	12	17	8	14
Find the HCF of 98, 91 = _	7	6	9	5
Find the HCF of 14, 93 = _	1	2	5	8
Find the HCF of 55, 60 = _	9	3	12	5
Find the HCF of 94, 78 = _	7	5	11	2
Find the HCF of 84, 72 = _	16	14	12	11
Find the HCF of 33, 68 = _	1	10	9	7
Find the HCF of 81, 84 = _	10	12	3	5
Find the HCF of 72, 26 = _	11	2	4	3
Find the HCF of 69, 12 = _	8	9	3	6
Find the HCF of 25, 65 = _	10	4	7	5
Find the HCF of 70, 80 = _	14	15	8	10
Find the HCF of 27, 85 = _	5	1	3	2
Find the HCF of 27, 18 = _	13	9	5	18
Find the HCF of 48, 26 = _	8	2	3	10
Find the HCF of 63, 24 = _	8	6	11	3
Find the HCF of 42, 86 = _	6	2	7	10
Find the HCF of 32, 12 = _	7	10	2	4

Section 22

Question Content	Option 1	Option 2	Option 3	Option 4
$5.52 + 8.206 = _$	19.726	13.726	12.726	5.726
$3.12 + 1.219 = _$	2.339	4.339	5.339	10.339
$2.13 + 1.332 = _$	7.462	5.462	0.462	3.462
$6.13 + 2.357 = _$	17.487	4.487	6.487	8.487
$7.65 + 9.973 = _$	19.623	17.623	18.623	10.623



Section 23

Question Content	Option 1	Option 2	Option 3	Option 4
$2.33 \times 10 = \underline{\quad}$	18.3	23.3	20.3	25.3
$3.86 \times 10 = \underline{\quad}$	38.6	44.6	30.6	29.6
$6.41 \times 10 = \underline{\quad}$	64.1	67.1	57.1	56.1
$2.53 \times 10 = \underline{\quad}$	22.3	34.3	23.3	25.3
$2.01 \times 10 = \underline{\quad}$	14.1	24.1	20.1	18.1
$5.11 \times 100 = \underline{\quad}$	511	509	512	510
$2.55 \times 100 = \underline{\quad}$	255	254	261	249
$1.81 \times 100 = \underline{\quad}$	190	176	181	184
$2.94 \times 100 = \underline{\quad}$	290	303	294	291
$7.44 \times 100 = \underline{\quad}$	744	748	741	736
$963.81 \times 100 = \underline{\quad}$	96381	96383	96378	96372
$329.12 \times 100 = \underline{\quad}$	32918	32908	32912	32910
$326.81 \times 100 = \underline{\quad}$	32673	32672	32681	32680
$155.97 \times 100 = \underline{\quad}$	15599	15590	15588	15597
$258.17 \times 100 = \underline{\quad}$	25818	25811	25817	25826

Section 24

Question Content	Option 1	Option 2	Option 3	Option 4
$44 \div 4$ Quotient = $\underline{\quad}$	11	7	20	16
$45 \div 9$ Quotient = $\underline{\quad}$	5	1	4	7
$63 \div 3$ Quotient = $\underline{\quad}$	21	16	19	30
$49 \div 7$ Quotient = $\underline{\quad}$	10	12	5	7
$77 \div 7$ Quotient = $\underline{\quad}$	11	9	17	14
$396 \div 9$ Quotient = $\underline{\quad}$	43	45	44	38
$504 \div 6$ Quotient = $\underline{\quad}$	91	84	89	82
$384 \div 4$ Quotient = $\underline{\quad}$	94	96	87	93
$875 \div 5$ Quotient = $\underline{\quad}$	184	182	175	181
$288 \div 8$ Quotient = $\underline{\quad}$	43	38	42	36



Section 25

Question Content	Option 1	Option 2	Option 3	Option 4
Cost price = 98, Selling Price = 56 Loss = __	50	42	51	46
Cost price = 90, Selling Price = 55 Loss = __	44	35	36	34
Cost price = 79, Selling Price = 147 Profit = __	70	73	68	63
Cost price = 10, Selling Price = 5 Loss = __	5	14	3	13
Cost price = 96, Selling Price = 43 Loss = __	59	51	45	53
Cost price = 754, Selling Price = 452 Loss = __	302	294	296	303
Cost price = 722, Selling Price = 1098 Profit = __	378	371	384	376
Cost price = 393, Selling Price = 676 Profit = __	284	283	287	286
Cost price = 316, Selling Price = 91 Loss = __	223	229	225	234
Cost price = 937, Selling Price = 1434 Profit = __	498	496	497	488
Cost price = 807, Selling Price = 1251 Profit = __	446	444	453	448
Cost price = 987, Selling Price = 1501 Profit = __	513	514	506	519
Cost price = 692, Selling Price = 962 Profit = __	270	263	266	274
Cost price = 943, Selling Price = 480 Loss = __	460	463	472	469
Cost price = 388, Selling Price = 116 Loss = __	264	272	277	279
Profit = 289, Selling Price = 805 Cost price = __	521	525	512	516
Loss = 235, Selling Price = 383 Cost price = __	618	620	616	615
Loss = 204, Selling Price = 125 Cost price = __	325	333	329	330
Profit = 517, Selling Price = 1408 Cost price = __	887	897	889	891
Profit = 603, Selling Price = 1560 Cost price = __	955	954	952	957



Section 26

Question Content	Option 1	Option 2	Option 3	Option 4
680 / 2 Quotient = __	349	331	335	340
400 / 8 Quotient = __	48	46	57	50
552 / 6 Quotient = __	90	92	91	96
630 / 5 Quotient = __	126	133	122	128
872 / 8 Quotient = __	106	109	111	116
944 / 8 Quotient = __	115	118	125	121
136 / 8 Quotient = __	8	19	20	17
540 / 6 Quotient = __	97	92	90	89
558 / 9 Quotient = __	64	60	62	65
520 / 5 Quotient = __	100	106	104	97
4002 / 2 Quotient = __	2001	2009	2002	1999
7710 / 6 Quotient = __	1289	1285	1282	1276
4518 / 9 Quotient = __	498	509	503	502
2168 / 4 Quotient = __	544	540	549	542
8784 / 4 Quotient = __	2205	2196	2188	2194
6424 / 4 Quotient = __	1615	1608	1613	1606
8004 / 6 Quotient = __	1329	1332	1334	1341
49488 / 2 Quotient = __	24739	24736	24750	24744
70784 / 4 Quotient = __	17693	17697	17696	17688
39554 / 2 Quotient = __	19781	19782	19771	19777

Section 27

Question Content	Option 1	Option 2	Option 3	Option 4
9.34 / 1000 = __	4.00934	5.00934	0.00934	2.00934
6.35 / 1000 = __	0.00635	9.00635	3.00635	7.00635
4.62 / 1000 = __	2.00462	6.00462	0.00462	3.00462
1.56 / 1000 = __	9.00156	6.00156	1.00156	0.00156
8.04 / 1000 = __	6.00804	1.00804	0.00804	4.00804
6.56 / 100 = __	2.0656	8.0656	0.0656	9.0656



$8.01 / 100 = \underline{\quad}$	0.0801	3.0801	5.0801	2.0801
$7.62 / 100 = \underline{\quad}$	3.0762	0.0762	1.0762	5.0762
$2.09 / 100 = \underline{\quad}$	0.0209	5.0209	8.0209	4.0209
$1.42 / 100 = \underline{\quad}$	9.0142	7.0142	2.0142	0.0142

Section 28

Question Content	Option 1	Option 2	Option 3	Option 4
$379 - 58 + 32 = \underline{\quad}$	353	351	357	355
$473 - 93 + 67 = \underline{\quad}$	445	449	447	454
$472 - 86 + 78 = \underline{\quad}$	469	472	464	457
$604 - 17 + 15 = \underline{\quad}$	602	605	604	603
$671 - 60 + 30 = \underline{\quad}$	647	640	644	641
$721 + 98 - 92 = \underline{\quad}$	723	722	721	727
$491 + 84 - 65 = \underline{\quad}$	501	510	508	518
$398 + 89 - 14 = \underline{\quad}$	480	482	468	473
$981 + 90 - 20 = \underline{\quad}$	1044	1058	1049	1051
$597 + 88 - 24 = \underline{\quad}$	655	669	661	653

Section 29

Question Content	Option 1	Option 2	Option 3	Option 4
$(4 + 6) \times (8 + 6) = \underline{\quad}$	132	140	139	138
$(2 + 3) \times (5 + 5) = \underline{\quad}$	54	57	43	50
$(3 + 6) \times (4 + 5) = \underline{\quad}$	84	77	78	81
$(9 + 8) \times (8 + 7) = \underline{\quad}$	257	255	261	252
$(8 + 9) \times (8 + 3) = \underline{\quad}$	187	183	184	185
$(79 + 15) \times (49 + 12) = \underline{\quad}$	5737	5734	5726	5733
$(52 + 18) \times (98 + 65) = \underline{\quad}$	11413	11418	11402	11410
$(97 + 22) \times (48 + 11) = \underline{\quad}$	7021	7023	7022	7012
$(65 + 51) \times (71 + 13) = \underline{\quad}$	9744	9751	9741	9735
$(13 + 50) \times (33 + 81) = \underline{\quad}$	7183	7179	7182	7175
$(96 + 40) \times (55 + 54) = \underline{\quad}$	14823	14833	14824	14817
$(66 + 12) \times (16 + 25) = \underline{\quad}$	3199	3198	3196	3200
$(24 + 91) \times (71 + 62) = \underline{\quad}$	15299	15289	15298	15295
$(25 + (1 + 57)) \times (913 - 16) = \underline{\quad}$	74459	74460	74451	74443
$(45 + (5 + 79)) \times (170 - 28) = \underline{\quad}$	18310	18315	18318	18313



Section 30

Question Content	Option 1	Option 2	Option 3	Option 4
$\sqrt{676} = \underline{\hspace{1cm}}$	26	23	19	17
$\sqrt{961} = \underline{\hspace{1cm}}$	33	27	31	23
$\sqrt{900} = \underline{\hspace{1cm}}$	29	30	36	27
$\sqrt{121} = \underline{\hspace{1cm}}$	13	11	9	17
$\sqrt{256} = \underline{\hspace{1cm}}$	15	18	19	16
$\sqrt{400} = \underline{\hspace{1cm}}$	16	22	20	29
$\sqrt{196} = \underline{\hspace{1cm}}$	16	10	14	15
$\sqrt{784} = \underline{\hspace{1cm}}$	20	26	22	28
$\sqrt{625} = \underline{\hspace{1cm}}$	19	25	33	18
$\sqrt{4356} = \underline{\hspace{1cm}}$	66	69	68	62
$\sqrt{6724} = \underline{\hspace{1cm}}$	91	80	83	82
$\sqrt{7056} = \underline{\hspace{1cm}}$	83	77	84	82
$\sqrt{2500} = \underline{\hspace{1cm}}$	50	48	46	52
$\sqrt{1089} = \underline{\hspace{1cm}}$	29	33	27	37
$\sqrt{4225} = \underline{\hspace{1cm}}$	65	67	68	72
$\sqrt{4761} = \underline{\hspace{1cm}}$	62	64	69	66
$\sqrt{9801} = \underline{\hspace{1cm}}$	97	90	99	104
$\sqrt{5184} = \underline{\hspace{1cm}}$	80	73	74	72
$\sqrt{3844} = \underline{\hspace{1cm}}$	67	65	60	62

Section 31

Question Content	Option 1	Option 2	Option 3	Option 4
Cube Root of 10648 = $\underline{\hspace{1cm}}$	25	18	20	22
Cube Root of 54872 = $\underline{\hspace{1cm}}$	46	30	42	38
Cube Root of 29791 = $\underline{\hspace{1cm}}$	27	28	31	30
Cube Root of 79507 = $\underline{\hspace{1cm}}$	44	35	43	40
Cube Root of 27000 = $\underline{\hspace{1cm}}$	34	26	30	21
Cube Root of 17576 = $\underline{\hspace{1cm}}$	34	26	23	28
Cube Root of 50653 = $\underline{\hspace{1cm}}$	39	31	36	37
Cube Root of 85184 = $\underline{\hspace{1cm}}$	44	36	42	45



Cube Root of 13824 =	26	16	22	24
Cube Root of 64000 =	42	31	40	34
Cube Root of 12167 =	22	26	23	20
Cube Root of 32768 =	34	35	32	30
Cube Root of 39304 =	34	42	27	35
Cube Root of 15625 =	25	24	27	17

Section 32

Question Content	Option 1	Option 2	Option 3	Option 4
8339 - 742 =	7595	7601	7597	7593
3055 - 950 =	2105	2109	2113	2106
2091 - 355 =	1728	1735	1736	1738
6628 - 384 =	6246	6244	6252	6240
1501 - 302 =	1197	1199	1204	1196

Section 33

Question Content	Option 1	Option 2	Option 3	Option 4
46 x 44 =	2016	2033	2024	2022
85 x 97 =	8237	8245	8243	8238
35 x 64 =	2242	2240	2235	2245
84 x 81 =	6799	6813	6812	6804
70 x 95 =	6658	6648	6654	6650
36 x 96 =	3456	3453	3448	3461
41 x 11 =	458	450	456	451
80 x 81 =	6488	6475	6480	6479
66 x 37 =	2434	2442	2444	2450
45 x 57 =	2557	2565	2571	2563
65 x 40 =	2593	2602	2594	2600
29 x 42 =	1227	1218	1211	1219
98 x 23 =	2256	2260	2262	2254
41 x 58 =	2373	2381	2380	2378
45 x 91 =	4095	4089	4092	4098



Section 34

Question Content	Option 1	Option 2	Option 3	Option 4
$_ \times 100 = 6800$	66	68	60	63
$_ \times 100 = 5900$	55	59	53	56
$_ \times 100 = 6700$	66	71	67	69
$_ \times 100 = 8600$	80	95	94	86
$_ \times 100 = 2100$	14	24	21	26
$79 \times _ = 632$	8	17	10	5
$25 \times _ = 100$	4	3	11	6
$11 \times _ = 44$	2	11	4	3
$59 \times _ = 354$	6	4	1	15
$87 \times _ = 522$	6	3	1	7
$13 \times _ = 104$	6	14	11	8
$45 \times _ = 90$	6	8	1	2
$45 \times _ = 405$	16	11	9	17
$58 \times _ = 232$	13	10	12	4
$97 \times _ = 873$	9	13	11	10

Section 35

Question Content	Option 1	Option 2	Option 3	Option 4
$49 : 77 = _$	7:11	13:17	15:15	9:18
$12 : 66 = _$	2:11	8:14	8:15	9:12
$35 : 77 = _$	10:13	5:11	7:12	11:16
$63 : 18 = _$	13:10	9:6	14:11	7:2
$55 : 10 = _$	16:3	11:2	19:5	13:4
$30 : 18 = _$	7:4	5:3	6:8	14:11
$40 : 56 = _$	5:7	9:11	11:11	11:10
$21 : 14 = _$	4:11	5:11	3:2	9:4
$21 : 35 = _$	3:5	6:7	12:10	7:6
$49 : 35 = _$	15:13	16:13	15:11	7:5
$18 : 402 = _$	11:68	3:67	10:70	5:71
$55 : 505 = _$	11:101	13:109	19:103	16:103
$88 : 488 = _$	11:61	13:64	18:65	17:63
$27 : 369 = _$	12:46	3:41	12:43	5:44
$63 : 711 = _$	16:88	7:79	13:81	9:87
$45 : 369 = _$	11:45	5:41	14:47	8:47
$42 : 246 = _$	15:49	7:41	14:50	15:45



55 : 215 = _	14:45	11:43	16:49	19:47
56 : 776 = _	8:105	11:99	7:97	9:99
16 : 328 = _	2:41	6:49	10:47	3:46

Section 36

Question Content	Option 1	Option 2	Option 3	Option 4
Remainder of 845 / 77 = _	68	75	83	72
Remainder of 439 / 60 = _	19	15	17	20
Remainder of 417 / 47 = _	41	38	39	43
Remainder of 316 / 30 = _	18	13	9	16
Remainder of 767 / 70 = _	72	67	66	76
Remainder of 762 / 24 = _	24	20	13	18
Remainder of 189 / 71 = _	38	50	55	47
Remainder of 375 / 10 = _	13	5	3	2
Remainder of 368 / 83 = _	34	27	36	37
Remainder of 290 / 79 = _	53	56	55	60
Remainder of 3447 / 63 = _	38	37	50	45
Remainder of 9679 / 87 = _	21	22	25	26
Remainder of 1406 / 73 = _	18	19	16	10
Remainder of 13037 / 76 = _	40	39	41	47
Remainder of 16435 / 39 = _	18	7	16	12



Section 37

Question Content	Option 1	Option 2	Option 3	Option 4
$2831 + 1244 = \underline{\quad}$	4067	4075	4070	4078
$9284 + 9126 = \underline{\quad}$	18409	18402	18410	18408
$3959 + 4468 = \underline{\quad}$	8430	8431	8427	8424
$5153 + 3376 = \underline{\quad}$	8523	8529	8531	8520
$5728 + 7769 = \underline{\quad}$	13499	13494	13497	13502
$39076 + 37368 = \underline{\quad}$	76444	76435	76441	76439
$79074 + 86272 = \underline{\quad}$	165344	165346	165341	165338
$51352 + 81212 = \underline{\quad}$	132566	132569	132573	132564
$104 + 136 + 553 + 721 + 938 = \underline{\quad}$	2449	2455	2457	2452
$783 + 427 + 137 + 670 + 965 = \underline{\quad}$	2982	2979	2986	2974

Section 38

Question Content	Option 1	Option 2	Option 3	Option 4
$901 \times 431 = \underline{\quad}$	388331	388333	388332	388329
$559 \times 965 = \underline{\quad}$	539435	539436	539442	539437
$240 \times 115 = \underline{\quad}$	27596	27600	27605	27606
$84676 \times 60738 = \underline{\quad}$	5143050888	5143050885	5143050887	5143050889
$66408 \times 49488 = \underline{\quad}$	3286399112	3286399098	3286399113	3286399104
$468 \div 78$ Quotient = $\underline{\quad}$	6	14	4	2
$198 \div 66$ Quotient = $\underline{\quad}$	1	3	7	5
$896 \div 28$ Quotient = $\underline{\quad}$	39	32	30	27
$480 \div 15$ Quotient = $\underline{\quad}$	39	32	36	24
$945 \div 63$ Quotient = $\underline{\quad}$	20	15	24	22
$9877 \div 83$ Quotient = $\underline{\quad}$	114	128	113	119
$5373 \div 27$ Quotient = $\underline{\quad}$	206	201	199	203
$6210 \div 69$ Quotient = $\underline{\quad}$	90	83	88	97
$40020 \div 15$ Quotient = $\underline{\quad}$	2668	2662	2669	2675
$73154 \div 79$ Quotient = $\underline{\quad}$	934	917	926	921