



Global Mental Math Olympiad 2024

Practice Sheet 1-Answer Key

Zen Master Challenge

SECTION 1

Question Content	Option 1	Option 2	Option 3	Option 4
$49 + 1 - 1 = \underline{\quad}$	49	56	55	51
$30 + 4 - 1 = \underline{\quad}$	38	25	33	40
$98 + 6 - 3 = \underline{\quad}$	101	95	93	94
$60 + 5 - 3 = \underline{\quad}$	70	56	53	62
$23 + 7 - 5 = \underline{\quad}$	25	17	28	32
$39 - 8 - 6 = \underline{\quad}$	25	18	26	32
$36 - 3 - 1 = \underline{\quad}$	34	26	32	35
$55 - 9 - 4 = \underline{\quad}$	38	42	50	39
$83 - 7 - 5 = \underline{\quad}$	72	74	73	71
$60 - 4 - 3 = \underline{\quad}$	55	53	59	61

SECTION 2

Question Content	Option 1	Option 2	Option 3	Option 4
$29 + 66 = \underline{\quad}$	95	92	94	98
$39 + 44 = \underline{\quad}$	83	89	90	81
$74 + 29 = \underline{\quad}$	103	100	98	101
$13 + 10 = \underline{\quad}$	28	29	23	20
$96 + 45 = \underline{\quad}$	134	141	144	149
$97 + 95 - 11 = \underline{\quad}$	177	172	181	182
$91 + 30 - 16 = \underline{\quad}$	105	111	114	112
$38 + 27 - 14 = \underline{\quad}$	50	46	51	58
$82 + 27 - 21 = \underline{\quad}$	82	88	83	89
$56 + 50 - 36 = \underline{\quad}$	64	61	70	66
$94 - 33 - 16 = \underline{\quad}$	46	44	45	39
$98 - 63 - 16 = \underline{\quad}$	13	15	18	19
$73 - 32 - 10 = \underline{\quad}$	22	24	31	28
$56 - 36 - 14 = \underline{\quad}$	12	7	3	6
$53 - 42 - 10 = \underline{\quad}$	1	6	2	3



SECTION 3

Question Content	Option 1	Option 2	Option 3	Option 4
Double of 62 = _	133	130	120	124
Double of 83 = _	166	161	158	160
Double of 82 = _	169	166	167	164
Double of 18 = _	36	34	42	27
Double of 33 = _	61	68	66	73
Double of 406 = _	806	812	805	813
Double of 984 = _	1966	1977	1968	1961
Double of 516 = _	1034	1029	1032	1023
Double of 757 = _	1514	1512	1519	1518
Double of 221 = _	435	442	446	438
Double of 57 + Double of 64 = _	248	244	236	242
Double of 75 + Double of 25 = _	199	200	202	198
Double of 53 + Double of 94 = _	301	294	296	293
Double of 44 + Double of 49 = _	192	186	194	185
Double of 95 + Double of 77 = _	344	346	343	337

SECTION 4

Question Content	Option 1	Option 2	Option 3	Option 4
Double of 53 + Half of 66 = _	136	143	139	131
Double of 98 + Half of 56 = _	224	220	223	231
Double of 78 + Half of 56 = _	191	192	193	184
Double of 73 + Half of 40 = _	163	166	162	165
Double of 85 + Half of 52 = _	191	196	195	205
Double of 25 + Half of 120 = _	109	112	110	105
Double of 43 + Half of 122 = _	147	139	145	144
Double of 22 + Half of 152 = _	122	120	124	119
Double of 66 + Half of 192 = _	231	220	236	228
Double of 19 + Half of 144 = _	107	110	103	112
Double of 4 + Half of 30 = _	15	28	27	23
Double of 7 + Half of 48 = _	31	46	38	44
Double of 6 + Half of 30 = _	26	27	34	32



Double of 3 + Half of 82 = _	47	54	45	48
Double of 6 + Half of 42 = _	39	33	37	35
Double of 12 - Half of 6 = _	21	18	13	24
Double of 54 - Half of 22 = _	105	99	97	103
Double of 77 - Half of 26 = _	143	139	141	145
Double of 26 - Half of 6 = _	51	49	55	56
Double of 28 - Half of 8 = _	60	54	52	58
Half of 54 - Double of 9 = _	18	17	11	9
Half of 32 - Double of 1 = _	12	16	10	14
Half of 32 - Double of 3 = _	10	3	8	12
Half of 50 - Double of 5 = _	9	17	15	11
Half of 54 - Double of 7 = _	20	13	9	4
Half of 128 + Double of 81 = _	225	223	226	227
Half of 112 + Double of 62 = _	180	171	189	175
Half of 124 + Double of 76 = _	207	215	216	214
Half of 122 + Double of 26 = _	106	105	110	113
Half of 146 + Double of 91 = _	255	249	257	262
Double of 160 - Half of 22 = _	318	317	309	313
Double of 751 - Half of 340 = _	1337	1326	1330	1332
Double of 778 - Half of 358 = _	1385	1376	1378	1377
Double of 139 - Half of 48 = _	248	245	261	254
Double of 195 - Half of 32 = _	368	374	370	378

SECTION 5

Question Content	Option 1	Option 2	Option 3	Option 4
Triple of 46 = _	136	139	138	144
Triple of 84 = _	250	261	252	243
Triple of 92 = _	273	271	283	276
Triple of 75 = _	219	225	221	231
Triple of 39 = _	125	115	117	116
Triple of 804 = _	2403	2405	2414	2412
Triple of 503 = _	1517	1516	1509	1507
Triple of 266 = _	798	799	796	794
Triple of 190 = _	563	564	570	569
Triple of 385 = _	1155	1148	1162	1157

SECTION 6

Question Content	Option 1	Option 2	Option 3	Option 4
Half of 792 = _	403	396	389	398
Half of 890 = _	444	447	445	438
Half of 688 = _	346	344	337	342



Half of 318 = _	165	159	164	161
Half of 778 = _	391	389	390	385

SECTION 7

Question Content	Option 1	Option 2	Option 3	Option 4
Half of 3012 = _	1500	1503	1506	1508
Half of 5576 = _	2790	2788	2782	2783
Half of 1214 = _	611	607	604	602
Half of 8656 = _	4325	4329	4326	4328
Half of 5532 = _	2766	2770	2773	2763
Half of 130 + Half of 152 = _	144	141	143	132
Half of 128 + Half of 184 = _	151	150	156	154
Half of 188 + Half of 104 = _	146	147	149	152
Half of 198 + Half of 164 = _	181	185	189	176
Half of 170 + Half of 112 = _	143	137	134	141

SECTION 8

Question Content	Option 1	Option 2	Option 3	Option 4
Half of 142 - Triple of 23 = _	5	11	2	4
Half of 102 - Triple of 14 = _	1	14	9	2
Half of 162 - Triple of 20 = _	26	21	27	23
Half of 114 - Triple of 18 = _	7	1	6	3
Half of 164 - Triple of 27 = _	1	3	6	10



SECTION 9

Question Content	Option 1	Option 2	Option 3	Option 4
$4 \times 5 \times 7 = \underline{\quad}$	136	140	134	142
$8 \times 7 \times 9 = \underline{\quad}$	512	497	499	504
$3 \times 1 \times 4 = \underline{\quad}$	21	10	12	16
$6 \times 8 \times 6 = \underline{\quad}$	287	288	285	282
$4 \times 5 \times 6 = \underline{\quad}$	116	127	122	120
$30 \times 9 = \underline{\quad}$	278	266	270	276
$20 \times 5 = \underline{\quad}$	99	100	92	109
$25 \times 6 = \underline{\quad}$	158	150	157	146
$35 \times 8 = \underline{\quad}$	280	287	289	277
$15 \times 4 = \underline{\quad}$	61	52	54	60
$77 \times 9 = \underline{\quad}$	688	694	692	693
$43 \times 9 = \underline{\quad}$	387	389	383	380
$47 \times 5 = \underline{\quad}$	233	235	239	238
$19 \times 4 = \underline{\quad}$	85	72	76	67
$83 \times 3 = \underline{\quad}$	241	243	254	249

SECTION 10

Question Content	Option 1	Option 2	Option 3	Option 4
Multiple of 37 = $\underline{\quad}$	190, 228, 339	187, 223, 335	185, 222, 333	193, 229, 342
Multiple of 43 = $\underline{\quad}$	267, 310, 396	260, 302, 388	258, 301, 387	264, 305, 393
Multiple of 16 = $\underline{\quad}$	35, 49, 146	32, 48, 144	40, 57, 153	37, 52, 150
Multiple of 17 = $\underline{\quad}$	51, 119, 136	58, 126, 145	57, 123, 141	52, 54, 139
Multiple of 99 = $\underline{\quad}$	297, 495, 891	304, 503, 898	299, 300, 893	301, 303, 897

SECTION 11

Question Content	Option 1	Option 2	Option 3	Option 4
$305 \times 6 = \underline{\quad}$	1834	1830	1821	1836
$725 \times 7 = \underline{\quad}$	5077	5079	5073	5075
$639 \times 2 = \underline{\quad}$	1278	1274	1283	1280
$399 \times 4 = \underline{\quad}$	1604	1594	1596	1589
$616 \times 3 = \underline{\quad}$	1856	1848	1841	1842
$634 \times 2 = \underline{\quad}$	1271	1276	1268	1267
$356 \times 9 = \underline{\quad}$	3195	3210	3203	3204



$983 \times 9 = \underline{\quad}$	8847	8856	8846	8845
$757 \times 5 = \underline{\quad}$	3780	3794	3785	3777
$404 \times 7 = \underline{\quad}$	2837	2828	2836	2835
$5658 \times 5 = \underline{\quad}$	28299	28295	28282	28290
$4697 \times 9 = \underline{\quad}$	42273	42265	42268	42267
$5558 \times 2 = \underline{\quad}$	11116	11120	11110	11113
$91174 \times 3 = \underline{\quad}$	273518	273522	273520	273515
$68277 \times 3 = \underline{\quad}$	204839	204831	204825	204826

SECTION 12

Question Content	Option 1	Option 2	Option 3	Option 4
Prime Factors of 12 = $\underline{\quad}$	3, 4, 5	9, 10	2, 2, 3	7, 8
Prime Factors of 91 = $\underline{\quad}$	15, 22	7, 13	12, 18	8, 14
Prime Factors of 66 = $\underline{\quad}$	11, 12, 20	5, 6, 12	6, 7, 15	2, 3, 11
Prime Factors of 99 = $\underline{\quad}$	12, 20	4, 14	9, 15	3, 3, 11
Prime Factors of 30 = $\underline{\quad}$	7, 10	2, 3, 5	3, 5, 8	10, 12, 13
Prime Factors of 136 = $\underline{\quad}$	4, 5, 20	9, 10, 11, 25	7, 22	2, 2, 2, 17
Prime Factors of 165 = $\underline{\quad}$	10, 14, 20	5, 7, 12	3, 5, 11	8, 9, 16
Prime Factors of 750 = $\underline{\quad}$	2, 3, 5, 5, 5	11, 13, 14	6, 7, 10, 11	3, 5, 6, 7, 8
Prime Factors of 416 = $\underline{\quad}$	9, 10, 21	6, 7, 8, 19	2, 2, 2, 2, 2, 13	3, 4, 5, 14
Prime Factors of 175 = $\underline{\quad}$	6, 8, 9	5, 5, 7	10, 11	14
Prime Factors of 122 = $\underline{\quad}$	8, 67	11, 68	5, 63	2, 61
Prime Factors of 418 = $\underline{\quad}$	2, 11, 19	8, 17, 25	3, 12, 21	11, 19, 26
Prime Factors of 982 = $\underline{\quad}$	3, 492	8, 497	2, 491	10, 500
Prime Factors of 565 = $\underline{\quad}$	6, 116	10, 117	12, 121	5, 113
Prime Factors of 818 = $\underline{\quad}$	11, 416	2, 409	6, 415	3, 410

SECTION 13

Question Content	Option 1	Option 2	Option 3	Option 4
$9^2 = \underline{\quad}$	81	73	72	84
$2^2 = \underline{\quad}$	13	12	8	4
$8^2 = \underline{\quad}$	64	62	55	63
$1^2 = \underline{\quad}$	2	1	4	3
$6^2 = \underline{\quad}$	36	27	35	30
$65^2 = \underline{\quad}$	4226	4225	4234	4233
$37^2 = \underline{\quad}$	1372	1374	1373	1369
$75^2 = \underline{\quad}$	5623	5620	5616	5625
$34^2 = \underline{\quad}$	1156	1162	1154	1165
$31^2 = \underline{\quad}$	955	960	961	964



SECTION 14

Question Content	Option 1	Option 2	Option 3	Option 4
$7^2 + 7^2 + 9^2 = _$	175	179	174	186
$1^2 + 8^2 + 8^2 = _$	129	130	120	127
$5^2 + 3^2 + 2^2 = _$	36	38	31	32
$3^2 + 5^2 + 1^2 = _$	35	44	37	43
$6^2 + 4^2 + 1^2 = _$	53	61	52	50
$1^3 + 7^2 + 8^2 = _$	122	114	115	112
$9^3 + 1^2 + 2^2 = _$	729	736	740	734
$4^3 + 5^2 + 4^2 = _$	113	111	105	103
$4^2 + 3^2 - 2^2 = _$	21	23	18	24
$6^2 + 5^2 - 1^2 = _$	67	58	56	60
$7^2 + 4^2 - 1^2 = _$	70	62	67	64
$9^3 + 7^2 - 2^2 = _$	774	783	773	781
$5^3 + 6^2 - 1^2 = _$	164	157	160	156
$9^2 + 4^3 - 4^2 = _$	131	129	133	135
$5^3 + 9^2 - 2^2 = _$	206	201	200	202

SECTION 15

Question Content	Option 1	Option 2	Option 3	Option 4
20% of 35 = $_$	7	10	3	5
20% of 95 = $_$	13	17	11	19
5% of 40 = $_$	3	6	5	2
50% of 78 = $_$	39	38	42	41
25% of 92 = $_$	18	17	25	23
25% of 96 = $_$	26	17	24	20
25% of 16 = $_$	11	0	5	4
25% of 184 = $_$	41	46	50	51
25% of 868 = $_$	222	217	218	214
25% of 232 = $_$	56	66	58	52
5% of 760 = $_$	47	46	38	39
50% of 802 = $_$	406	403	398	401
25% of 792 = $_$	191	203	198	193



SECTION 16

Question Content	Option 1	Option 2	Option 3	Option 4
$770 + 25 = \underline{\quad}$	795	790	796	793
$584 + 81 = \underline{\quad}$	664	671	662	665
$365 + 24 = \underline{\quad}$	394	389	395	381
$632 + 76 = \underline{\quad}$	706	708	714	717
$678 + 93 = \underline{\quad}$	773	770	771	765
$575 - 92 = \underline{\quad}$	483	492	485	477
$831 - 48 = \underline{\quad}$	790	781	783	787
$749 - 43 = \underline{\quad}$	701	706	708	699
$774 - 82 = \underline{\quad}$	692	693	697	699
$235 - 88 = \underline{\quad}$	149	148	146	147
$922 + 263 = \underline{\quad}$	1185	1188	1184	1177
$723 + 895 = \underline{\quad}$	1627	1618	1609	1621
$763 + 697 = \underline{\quad}$	1456	1460	1467	1461
$202 + 932 = \underline{\quad}$	1127	1139	1137	1134
$116 + 920 = \underline{\quad}$	1039	1028	1041	1036

SECTION 17

Question Content	Option 1	Option 2	Option 3	Option 4
$433 + 75 - 4 = \underline{\quad}$	496	503	501	504
$349 + 79 - 9 = \underline{\quad}$	419	425	428	424
$917 + 63 - 1 = \underline{\quad}$	982	983	979	976
$782 - 37 + 5 = \underline{\quad}$	742	753	750	752
$450 - 75 + 2 = \underline{\quad}$	374	377	386	371
$104 - 97 + 9 = \underline{\quad}$	18	8	14	16
$561 - 22 + 7 = \underline{\quad}$	546	544	547	554
$209 - 63 + 7 = \underline{\quad}$	159	148	151	153
$565 + 918 + 711 = \underline{\quad}$	2198	2194	2202	2187
$166 + 234 + 293 = \underline{\quad}$	697	702	696	693



SECTION 18

Question Content	Option 1	Option 2	Option 3	Option 4
39, 69, 63 Mean = _	58	66	57	53
90, 85, 59 Mean = _	78	76	82	80
12, 15, 84 Mean = _	40	37	42	45
43, 23, 36 Mean = _	42	34	29	38
12, 84, 51 Mean = _	51	42	56	49
34, 66, 63, 35, 37 Mean = _	47	38	40	41
69, 48, 41, 92, 20 Mean = _	46	54	63	48
86, 16, 12, 23, 48 Mean = _	35	30	37	45
92, 37, 67, 62, 52 Mean = _	67	62	56	71
10, 85, 59, 83, 43 Mean = _	51	47	56	50
39, 40, 36, 13, 47 Mean = _	35	37	33	29
36, 81, 40, 79, 59 Mean = _	61	59	60	53
18, 39, 63, 70, 50 Mean = _	49	48	43	46
15, 36, 75, 14, 50 Mean = _	29	31	38	39
39, 66, 52, 97, 61 Mean = _	63	65	69	61

SECTION 19

Question Content	Option 1	Option 2	Option 3	Option 4
Remainder of 74 / 1 = _	3	0	6	9
Remainder of 12 / 6 = _	0	3	1	7
Remainder of 22 / 7 = _	7	2	10	1
Remainder of 34 / 4 = _	11	2	7	6
Remainder of 93 / 9 = _	3	4	2	1
Remainder of 53 / 2 = _	3	1	2	7
Remainder of 38 / 9 = _	4	2	5	11
Remainder of 40 / 1 = _	7	8	0	9
Remainder of 14 / 3 = _	6	2	4	5
Remainder of 99 / 3 = _	0	1	7	5



SECTION 20

Question Content	Option 1	Option 2	Option 3	Option 4
Find the LCM of 72 and 64 ?	571	570	580	576
Find the LCM of 94 and 15 ?	1419	1406	1403	1410
Find the LCM of 78 and 80 ?	3128	3120	3114	3119
Find the LCM of 35 and 43 ?	1503	1500	1507	1505
Find the LCM of 98 and 26 ?	1282	1274	1277	1280
Find the LCM of 62 and 14 ?	426	434	441	432
Find the LCM of 10 and 77 ?	761	777	762	770
Find the LCM of 36 and 68 ?	620	610	612	609
Find the LCM of 22 and 16 ?	177	173	176	170
Find the LCM of 22 and 76 ?	834	830	836	831

SECTION 21

Question Content	Option 1	Option 2	Option 3	Option 4
Find the HCF of 72, 48 = _	24	22	19	31
Find the HCF of 63, 84 = _	23	22	21	18
Find the HCF of 90, 35 = _	12	7	6	5
Find the HCF of 51, 14 = _	1	7	2	4
Find the HCF of 46, 91 = _	1	10	8	3
Find the HCF of 99, 38 = _	8	1	3	10
Find the HCF of 62, 54 = _	7	4	3	2
Find the HCF of 44, 74 = _	7	1	11	2
Find the HCF of 62, 22 = _	6	2	1	11
Find the HCF of 42, 90 = _	6	3	14	8
Find the HCF of 84, 50 = _	8	2	3	11
Find the HCF of 46, 82 = _	9	5	4	2
Find the HCF of 74, 49 = _	1	9	8	3
Find the HCF of 48, 68 = _	4	2	7	11
Find the HCF of 85, 20 = _	3	5	8	11
Find the HCF of 26, 34 = _	11	4	2	10
Find the HCF of 45, 98 = _	7	1	4	6
Find the HCF of 74, 24 = _	1	4	2	5
Find the HCF of 72, 39 = _	6	11	3	1
Find the HCF of 51, 39 = _	3	11	8	5



SECTION 22

Question Content	Option 1	Option 2	Option 3	Option 4
$6.63 + 9.247 = \underline{\quad}$	13.877	15.877	22.877	18.877
$9.19 + 4.191 = \underline{\quad}$	10.381	7.381	20.381	13.381
$6.86 + 8.381 = \underline{\quad}$	21.241	13.241	7.241	15.241
$1.33 + 1.805 = \underline{\quad}$	11.135	3.135	2.135	7.135
$6.86 + 3.604 = \underline{\quad}$	15.464	18.464	4.464	10.464

SECTION 23

Question Content	Option 1	Option 2	Option 3	Option 4
$3.56 \times 10 = \underline{\quad}$	35.6	31.6	41.6	36.6
$5.45 \times 10 = \underline{\quad}$	59.5	54.5	48.5	49.5
$1.54 \times 10 = \underline{\quad}$	6.4	15.4	22.4	24.4
$5.53 \times 10 = \underline{\quad}$	62.3	55.3	49.3	53.3
$3.97 \times 10 = \underline{\quad}$	30.7	48.7	39.7	43.7
$1.2 \times 100 = \underline{\quad}$	114	112	120	123
$2.69 \times 100 = \underline{\quad}$	275	269	267	261
$7.08 \times 100 = \underline{\quad}$	706	708	715	701
$5.34 \times 100 = \underline{\quad}$	534	536	535	531
$6.26 \times 100 = \underline{\quad}$	632	617	630	626
$460.41 \times 100 = \underline{\quad}$	46041	46044	46032	46045
$934.36 \times 100 = \underline{\quad}$	93429	93437	93431	93436
$913.82 \times 100 = \underline{\quad}$	91380	91386	91382	91374
$801.54 \times 100 = \underline{\quad}$	80157	80148	80154	80151
$637.9 \times 100 = \underline{\quad}$	63790	63792	63788	63783

SECTION 24

Question Content	Option 1	Option 2	Option 3	Option 4
$80 \div 4$ Quotient = $\underline{\quad}$	24	20	22	18
$63 \div 7$ Quotient = $\underline{\quad}$	4	9	14	13
$45 \div 5$ Quotient = $\underline{\quad}$	11	9	2	6
$40 \div 2$ Quotient = $\underline{\quad}$	27	16	20	12
$72 \div 3$ Quotient = $\underline{\quad}$	24	18	17	20
$654 \div 6$ Quotient = $\underline{\quad}$	102	111	101	109
$776 \div 2$ Quotient = $\underline{\quad}$	388	381	389	391
$870 \div 3$ Quotient = $\underline{\quad}$	288	298	290	293
$936 \div 2$ Quotient = $\underline{\quad}$	459	474	468	460
$528 \div 8$ Quotient = $\underline{\quad}$	68	66	70	62



SECTION 25

Question Content	Option 1	Option 2	Option 3	Option 4
Cost price = 12, Selling Price = 17 Profit = _	5	2	10	0
Cost price = 76, Selling Price = 45 Loss = _	24	31	30	34
Cost price = 36, Selling Price = 61 Profit = _	25	21	32	23
Cost price = 88, Selling Price = 157 Profit = _	78	67	64	69
Cost price = 67, Selling Price = 91 Profit = _	24	26	32	33
Cost price = 507, Selling Price = 299 Loss = _	208	201	215	206
Cost price = 205, Selling Price = 106 Loss = _	99	92	107	101
Cost price = 578, Selling Price = 242 Loss = _	331	336	344	330
Cost price = 296, Selling Price = 88 Loss = _	206	208	215	200
Cost price = 350, Selling Price = 480 Profit = _	139	124	130	134
Cost price = 607, Selling Price = 188 Loss = _	426	428	414	419
Cost price = 467, Selling Price = 720 Profit = _	253	251	249	254
Cost price = 141, Selling Price = 226 Profit = _	81	90	85	88
Cost price = 746, Selling Price = 1172 Profit = _	426	428	435	427
Cost price = 950, Selling Price = 266 Loss = _	684	683	693	679
Profit = 229, Selling Price = 581 Cost price = _	352	361	346	344
Profit = 390, Selling Price = 1073 Cost price = _	678	681	683	692
Profit = 142, Selling Price = 415 Cost price = _	266	275	273	272
Loss = 369, Selling Price = 509 Cost price = _	877	878	880	873
Loss = 314, Selling Price = 583 Cost price = _	897	905	896	888



SECTION 26

Question Content	Option 1	Option 2	Option 3	Option 4
189 / 7 Quotient = _	26	19	27	35
833 / 7 Quotient = _	111	121	116	119
612 / 9 Quotient = _	70	68	65	73
185 / 5 Quotient = _	46	29	28	37
495 / 3 Quotient = _	164	165	159	173
652 / 4 Quotient = _	172	171	169	163
585 / 5 Quotient = _	117	114	126	119
328 / 8 Quotient = _	45	38	41	47
497 / 7 Quotient = _	71	72	78	63
922 / 2 Quotient = _	453	468	461	455
8565 / 5 Quotient = _	1713	1715	1710	1704
2395 / 5 Quotient = _	483	481	479	486
7992 / 8 Quotient = _	1007	999	1001	1004
3512 / 8 Quotient = _	446	440	445	439
4074 / 7 Quotient = _	582	577	588	589
7290 / 6 Quotient = _	1216	1213	1212	1215
5598 / 6 Quotient = _	933	941	926	931
97632 / 8 Quotient = _	12212	12196	12204	12201
15948 / 9 Quotient = _	1772	1767	1774	1776
94080 / 3 Quotient = _	31365	31358	31360	31367

SECTION 27

Question Content	Option 1	Option 2	Option 3	Option 4
3.1 / 1000 = _	0.0031	4.0031	6.0031	2.0031
3.87 / 1000 = _	0.00387	3.00387	5.00387	8.00387
8.14 / 1000 = _	9.00814	8.00814	0.00814	6.00814
6.83 / 1000 = _	4.00683	7.00683	9.00683	0.00683
9.28 / 1000 = _	0.00928	1.00928	7.00928	3.00928
8.36 / 100 = _	6.0836	1.0836	7.0836	0.0836
5.65 / 100 = _	3.0565	6.0565	0.0565	2.0565
1.3 / 100 = _	0.013	4.013	7.013	3.013
6.93 / 100 = _	3.0693	0.0693	2.0693	9.0693
9.91 / 100 = _	2.0991	0.0991	8.0991	7.0991



SECTION 28

Question Content	Option 1	Option 2	Option 3	Option 4
$629 - 97 + 70 = _$	604	597	602	609
$212 - 64 + 30 = _$	176	178	177	186
$647 - 52 + 28 = _$	627	623	616	618
$445 - 40 + 25 = _$	432	434	427	430
$430 - 62 + 21 = _$	383	389	388	380
$116 + 95 - 78 = _$	133	129	128	125
$247 + 28 - 11 = _$	256	264	272	257
$297 + 30 - 14 = _$	310	306	318	313
$966 + 94 - 81 = _$	972	979	976	974
$245 + 68 - 33 = _$	280	284	278	286

SECTION 29

Question Content	Option 1	Option 2	Option 3	Option 4
$(9 + 7) \times (3 + 1) = _$	69	64	68	72
$(9 + 2) \times (8 + 2) = _$	104	108	110	102
$(4 + 8) \times (1 + 7) = _$	96	94	101	87
$(9 + 4) \times (2 + 8) = _$	131	128	121	130
$(4 + 5) \times (5 + 4) = _$	81	73	83	79
$(10 + 42) \times (71 + 85) = _$	8112	8107	8103	8115
$(63 + 29) \times (27 + 69) = _$	8832	8825	8833	8830
$(67 + 25) \times (92 + 92) = _$	16927	16929	16930	16928
$(93 + 11) \times (38 + 28) = _$	6864	6859	6866	6869
$(83 + 82) \times (20 + 94) = _$	18814	18807	18818	18810
$(97 + 76) \times (48 + 94) = _$	24558	24559	24566	24560
$(87 + 77) \times (10 + 11) = _$	3442	3453	3444	3451
$(90 + 79) \times (96 + 67) = _$	27550	27554	27545	27547
$(26 + (5 + 84)) \times (320 - 73) = _$	28404	28398	28402	28405
$(49 + (1 + 72)) \times (381 - 14) = _$	44773	44772	44774	44779



SECTION 30

Question Content	Option 1	Option 2	Option 3	Option 4
$\sqrt{529} = _$	23	27	30	24
$\sqrt{144} = _$	21	4	6	12
$\sqrt{625} = _$	19	25	21	28
$\sqrt{961} = _$	31	34	29	22
$\sqrt{484} = _$	22	24	20	29
$\sqrt{361} = _$	28	19	21	15
$\sqrt{676} = _$	31	26	28	33
$\sqrt{196} = _$	18	6	14	17
$\sqrt{121} = _$	11	2	5	4
$\sqrt{1089} = _$	34	25	33	32
$\sqrt{4225} = _$	65	67	66	58
$\sqrt{1681} = _$	41	44	33	38
$\sqrt{1156} = _$	38	37	34	31
$\sqrt{5625} = _$	75	73	77	74
$\sqrt{9604} = _$	103	98	95	97
$\sqrt{7225} = _$	82	76	85	83
$\sqrt{9801} = _$	102	99	97	103
$\sqrt{2304} = _$	41	57	46	48
$\sqrt{8649} = _$	101	93	99	91

SECTION 31

Question Content	Option 1	Option 2	Option 3	Option 4
Cube Root of 10648 = $_$	31	22	20	28
Cube Root of 15625 = $_$	25	23	21	18
Cube Root of 17576 = $_$	29	35	26	34
Cube Root of 39304 = $_$	30	37	32	34
Cube Root of 35937 = $_$	42	26	27	33
Cube Root of 97336 = $_$	45	41	39	46
Cube Root of 42875 = $_$	26	28	35	37
Cube Root of 50653 = $_$	35	46	39	37
Cube Root of 29791 = $_$	39	27	28	31
Cube Root of 13824 = $_$	30	22	19	24
Cube Root of 79507 = $_$	46	42	35	43
Cube Root of 32768 = $_$	38	34	32	36
Cube Root of 74088 = $_$	40	34	42	35



SECTION 32

Question Content	Option 1	Option 2	Option 3	Option 4
$8441 - 403 = _$	8042	8038	8037	8040
$4933 - 395 = _$	4530	4538	4542	4539
$2758 - 620 = _$	2138	2140	2142	2136
$6886 - 355 = _$	6533	6531	6525	6528
$2951 - 611 = _$	2342	2331	2340	2346

SECTION 33

Question Content	Option 1	Option 2	Option 3	Option 4
$61 \times 17 = _$	1035	1030	1037	1033
$40 \times 89 = _$	3560	3562	3564	3563
$39 \times 48 = _$	1872	1870	1864	1871
$79 \times 94 = _$	7426	7419	7417	7423
$72 \times 97 = _$	6981	6984	6983	6988
$56 \times 81 = _$	4544	4533	4536	4534
$28 \times 47 = _$	1320	1315	1316	1314
$60 \times 17 = _$	1018	1020	1016	1023
$66 \times 89 = _$	5874	5876	5880	5873
$10 \times 86 = _$	866	860	859	863
$57 \times 98 = _$	5581	5579	5595	5586
$52 \times 75 = _$	3897	3891	3894	3900
$24 \times 39 = _$	939	945	936	940
$70 \times 60 = _$	4208	4200	4209	4207
$71 \times 79 = _$	5609	5601	5611	5615



SECTION 34

Question Content	Option 1	Option 2	Option 3	Option 4
$_ \times 100 = 7000$	74	63	70	68
$_ \times 100 = 3400$	27	43	36	34
$_ \times 100 = 8300$	74	85	83	81
$_ \times 100 = 5900$	63	60	59	55
$_ \times 100 = 2500$	27	34	25	21
$16 \times _ = 64$	13	1	4	6
$26 \times _ = 182$	7	9	15	4
$33 \times _ = 297$	9	8	11	1
$50 \times _ = 300$	6	4	2	7
$88 \times _ = 440$	7	3	13	5
$79 \times _ = 474$	6	8	15	11
$32 \times _ = 256$	9	1	8	15
$22 \times _ = 198$	13	8	9	6
$81 \times _ = 648$	8	15	7	1
$62 \times _ = 310$	6	7	3	5

SECTION 35

Question Content	Option 1	Option 2	Option 3	Option 4
$10 : 15 = _$	2:3	4:9	5:5	8:10
$21 : 14 = _$	4:10	6:4	10:3	3:2
$49 : 35 = _$	12:11	14:9	7:5	14:8
$88 : 24 = _$	17:5	18:11	11:3	19:5
$56 : 40 = _$	12:7	7:5	13:10	12:11
$15 : 25 = _$	3:5	9:13	4:13	5:13
$14 : 77 = _$	11:13	7:19	2:11	8:17
$35 : 14 = _$	13:10	13:4	5:2	7:3
$40 : 56 = _$	11:12	5:7	11:13	8:15
$42 : 12 = _$	13:10	7:2	10:11	9:7
$35 : 535 = _$	7:107	15:109	16:111	10:109
$25 : 505 = _$	10:109	5:101	13:102	7:103
$63 : 117 = _$	10:15	8:15	14:21	7:13
$77 : 427 = _$	19:69	11:61	13:67	13:63
$35 : 721 = _$	7:108	6:104	10:104	5:103
$55 : 95 = _$	13:21	12:23	13:28	11:19
$88 : 104 = _$	15:19	15:15	16:20	11:13
$55 : 505 = _$	11:101	19:108	19:103	20:108
$18 : 78 = _$	3:13	9:17	5:17	12:20
$45 : 873 = _$	14:99	5:97	13:99	6:103



SECTION 36

Question Content	Option 1	Option 2	Option 3	Option 4
Remainder of $811 \div 67 = _$	3	5	7	16
Remainder of $544 \div 67 = _$	12	6	14	8
Remainder of $724 \div 45 = _$	4	10	7	6
Remainder of $522 \div 57 = _$	13	6	4	9
Remainder of $280 \div 68 = _$	7	8	13	4
Remainder of $124 \div 63 = _$	63	60	64	61
Remainder of $334 \div 14 = _$	19	8	17	12
Remainder of $969 \div 95 = _$	15	17	13	19
Remainder of $870 \div 63 = _$	59	51	48	45
Remainder of $936 \div 45 = _$	27	38	32	36
Remainder of $2471 \div 76 = _$	43	45	39	41
Remainder of $3650 \div 11 = _$	9	12	11	4
Remainder of $8725 \div 36 = _$	9	13	18	20
Remainder of $99241 \div 85 = _$	48	52	39	46
Remainder of $34064 \div 56 = _$	16	14	11	12

SECTION 37

Question Content	Option 1	Option 2	Option 3	Option 4
$6437 + 6509 = _$	12948	12944	12953	12946
$6344 + 7643 = _$	13989	13991	13982	13987
$4655 + 3908 = _$	8555	8562	8565	8563
$5934 + 4866 = _$	10802	10801	10800	10798
$2185 + 4101 = _$	6286	6288	6293	6279
$80545 + 85017 = _$	165556	165570	165564	165562
$38301 + 82620 = _$	120923	120921	120928	120918
$135 + 453 + 443 + 952 + 219 = _$	2202	2197	2194	2193
$813 + 542 + 758 + 833 + 656 = _$	3595	3602	3600	3610



SECTION 38

Question Content	Option 1	Option 2	Option 3	Option 4
$699 \times 554 = _$	387246	387247	387242	387251
$134 \times 939 = _$	125824	125826	125830	125820
$556 \times 550 = _$	305799	305800	305801	305802
$92096 \times 47362 = _$	4361850755	4361850744	4361850752	4361850760
$24733 \times 35637 = _$	881409914	881409921	881409915	881409920

SECTION 39

Question Content	Option 1	Option 2	Option 3	Option 4
$765 / 85$ Quotient = $_$	9	14	18	5
$391 / 17$ Quotient = $_$	30	25	14	23
$276 / 92$ Quotient = $_$	3	1	9	4
$748 / 22$ Quotient = $_$	41	31	28	34
$702 / 27$ Quotient = $_$	26	24	34	23
$989 / 43$ Quotient = $_$	26	31	23	25
$7040 / 22$ Quotient = $_$	326	320	313	316
$9024 / 94$ Quotient = $_$	100	96	98	90
$20250 / 75$ Quotient = $_$	266	262	268	270
$95140 / 71$ Quotient = $_$	1332	1349	1340	1339