



## Global Mental Math Olympiad 2023

### Practice Sheet 2-Answer Key

#### Grandmaster Category

##### Section 1

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$25 + 9 - 7 = \_$	34	27	29	32
2	$92 + 7 - 3 = \_$	86	96	87	89
3	$30 + 9 - 3 = \_$	26	41	36	37
4	$58 + 4 - 3 = \_$	50	59	67	62
5	$61 + 5 - 1 = \_$	73	57	74	65
6	$37 + 7 - 4 = \_$	50	47	31	40
7	$52 + 7 - 4 = \_$	55	53	52	54
8	$76 + 2 - 2 = \_$	67	76	79	69
9	$46 + 5 - 1 = \_$	50	47	43	53
10	$42 + 6 - 6 = \_$	39	32	45	42
11	$87 - 5 - 3 = \_$	88	77	79	81
12	$32 - 5 - 3 = \_$	14	27	24	29
13	$45 - 9 - 4 = \_$	27	24	39	32
14	$52 - 7 - 2 = \_$	43	34	52	49
15	$89 - 9 - 8 = \_$	65	72	68	81
16	$23 - 8 - 2 = \_$	6	16	13	5
17	$13 - 6 - 2 = \_$	9	6	5	7
18	$15 - 7 - 4 = \_$	4	0	-1	5
19	$27 - 7 - 2 = \_$	15	17	16	18
20	$96 - 8 - 7 = \_$	78	86	81	90

##### Section 2

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$99 + 76 = \_$	165	170	175	167
2	$20 + 66 = \_$	86	87	91	90
3	$81 + 45 = \_$	116	122	126	124
4	$78 + 85 = \_$	154	159	163	157



5	$60 + 52 = \underline{\quad}$	120	111	102	112
6	$64 + 13 = \underline{\quad}$	76	73	74	77
7	$87 + 56 = \underline{\quad}$	150	148	143	145
8	$35 + 73 = \underline{\quad}$	100	117	108	110
9	$65 + 31 = \underline{\quad}$	96	103	104	90
10	$43 + 50 = \underline{\quad}$	91	99	98	93

### Section 3

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$77 + 55 - 10 = \underline{\quad}$	132	123	121	122
2	$59 + 47 - 29 = \underline{\quad}$	77	69	85	72
3	$70 + 64 - 55 = \underline{\quad}$	79	88	71	87
4	$49 + 17 - 15 = \underline{\quad}$	54	44	52	51
5	$96 + 28 - 24 = \underline{\quad}$	93	100	103	110
6	$82 + 62 - 41 = \underline{\quad}$	102	106	101	103
7	$68 + 50 - 24 = \underline{\quad}$	86	104	94	97
8	$97 + 92 - 91 = \underline{\quad}$	105	98	99	89
9	$62 + 18 - 13 = \underline{\quad}$	75	58	69	67
10	$75 + 62 - 35 = \underline{\quad}$	102	93	107	108
11	$54 - 43 - 10 = \underline{\quad}$	-5	-3	1	-4
12	$97 - 95 - 2 = \underline{\quad}$	5	-3	4	0
13	$64 - 31 - 24 = \underline{\quad}$	9	6	-1	0
14	$99 - 38 - 37 = \underline{\quad}$	24	25	30	18
15	$89 - 58 - 28 = \underline{\quad}$	0	10	3	11
16	$74 - 55 - 19 = \underline{\quad}$	-1	7	0	-3
17	$80 - 35 - 34 = \underline{\quad}$	11	20	13	1
18	$98 - 29 - 21 = \underline{\quad}$	54	55	40	48
19	$82 - 62 - 17 = \underline{\quad}$	-4	3	-7	2
20	$36 - 28 - 7 = \underline{\quad}$	5	9	-7	1

### Section 4

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Double of 98 + Half of 32 = $\underline{\quad}$	215	217	212	219
2	Double of 87 + Half of 54 = $\underline{\quad}$	194	198	201	204
3	Double of 36 + Half of 28 = $\underline{\quad}$	94	80	86	76



4	Double of 66 + Half of 76 = _	172	166	170	175
5	Double of 95 + Half of 76 = _	231	220	233	228
6	Double of 50 + Half of 42 = _	126	117	121	131
7	Double of 51 + Half of 54 = _	123	138	129	139
8	Double of 75 + Half of 92 = _	196	190	202	194
9	Double of 50 + Half of 54 = _	127	133	130	117
10	Double of 30 + Half of 96 = _	107	108	100	101
11	Double of 89 = _	168	178	177	182
12	Double of 45 = _	80	90	92	87
13	Double of 79 = _	152	162	158	150
14	Double of 49 = _	104	105	98	100
15	Double of 83 = _	169	168	166	164
16	Double of 86 = _	170	177	179	172
17	Double of 87 = _	177	180	164	174
18	Double of 37 = _	83	80	74	81
19	Double of 67 = _	134	136	124	130
20	Double of 40 = _	80	73	78	90

### Section 5

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Half of 120 = _	60	52	69	66
2	Half of 612 = _	304	310	306	307
3	Half of 876 = _	445	438	448	440
4	Half of 222 = _	118	112	109	111
5	Half of 202 = _	93	103	108	101
6	Half of 696 = _	347	348	342	346
7	Half of 342 = _	169	179	177	171
8	Half of 302 = _	157	155	151	152
9	Half of 496 = _	238	246	243	248
10	Half of 590 = _	295	293	305	300
11	Double of 685 = _	1361	1374	1370	1371
12	Double of 662 = _	1332	1325	1324	1330
13	Double of 580 = _	1153	1158	1162	1160
14	Double of 220 = _	441	440	437	442
15	Double of 555 = _	1104	1116	1100	1110



16	Double of 832 = _	1668	1672	1666	1664
17	Double of 507 = _	1005	1018	1014	1012
18	Double of 837 = _	1669	1668	1674	1683
19	Double of 548 = _	1088	1096	1095	1094
20	Double of 587 = _	1183	1182	1176	1174

### Section 6

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Double of 27 + Half of 144 = _	126	124	120	131
2	Double of 71 + Half of 192 = _	234	238	236	235
3	Double of 61 + Half of 134 = _	189	183	192	181
4	Double of 57 + Half of 166 = _	198	188	197	187
5	Double of 40 + Half of 114 = _	139	131	145	137
6	Double of 35 + Half of 150 = _	151	152	145	154
7	Double of 87 + Half of 184 = _	266	256	275	264
8	Double of 91 + Half of 194 = _	281	274	279	276
9	Double of 36 + Half of 112 = _	128	122	125	129
10	Double of 79 + Half of 146 = _	225	231	235	237
11	Double of 21 + Double of 11 = _	64	56	59	74
12	Double of 60 + Double of 40 = _	193	200	203	196
13	Double of 36 + Double of 95 = _	265	270	262	253
14	Double of 30 + Double of 36 = _	132	125	142	122
15	Double of 76 + Double of 47 = _	236	244	253	246
16	Double of 98 + Double of 25 = _	256	246	241	240
17	Double of 38 + Double of 13 = _	102	95	100	108
18	Double of 81 + Double of 30 = _	219	230	223	222
19	Double of 65 + Double of 31 = _	191	192	189	187
20	Double of 29 + Double of 36 = _	130	140	127	132

### Section 7

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Triple of 86 = _	258	255	251	264
2	Triple of 49 = _	153	141	146	147
3	Triple of 15 = _	45	54	50	39
4	Triple of 91 = _	268	270	273	272
5	Triple of 68 = _	199	207	201	204



### Section 8

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Triple of 837 = _	2511	2502	2520	2513
2	Triple of 147 = _	448	441	449	450
3	Triple of 738 = _	2214	2215	2219	2213
4	Triple of 914 = _	2733	2742	2732	2744
5	Triple of 529 = _	1587	1588	1579	1595

### Section 9

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	74, 41, 65 Mean = _	54	61	62	60
2	70, 56, 72 Mean = _	58	60	73	66
3	34, 60, 77 Mean = _	57	52	47	59
4	16, 86, 30 Mean = _	37	44	49	45
5	48, 88, 80 Mean = _	67	72	81	77
6	41, 15, 91 Mean = _	39	47	46	49
7	54, 53, 46 Mean = _	59	52	56	51
8	76, 78, 82, 54, 90 Mean = _	77	69	76	74
9	86, 70, 51, 86, 82 Mean = _	73	68	75	66
10	77, 43, 92, 30, 58 Mean = _	57	58	60	67
11	41, 21, 34, 10, 59 Mean = _	25	42	28	33
12	23, 71, 32, 52, 27 Mean = _	41	45	39	47
13	11, 73, 24, 79, 18 Mean = _	43	50	36	41
14	11, 16, 91, 59, 33 Mean = _	42	40	47	43
15	Half of 4386 = _	2199	2193	2191	2192
16	Half of 9604 = _	4803	4802	4798	4801
17	Half of 7088 = _	3543	3544	3545	3539
18	Half of 5878 = _	2939	2933	2930	2948
19	Half of 5514 = _	2753	2755	2757	2748



### Section 10

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Cost price = 507, Selling Price = 781 Profit = __	265	264	283	274
2	Cost price = 163, Selling Price = 76 Loss = __	96	90	86	87
3	Cost price = 355, Selling Price = 608 Profit = __	253	245	257	260
4	Cost price = 548, Selling Price = 224 Loss = __	323	320	324	319
5	Cost price = 545, Selling Price = 878 Profit = __	340	338	333	335
6	Cost price = 339, Selling Price = 176 Loss = __	161	163	171	166
7	Cost price = 273, Selling Price = 426 Profit = __	153	146	152	162
8	Cost price = 567, Selling Price = 272 Loss = __	300	294	295	305
9	Cost price = 350, Selling Price = 560 Profit = __	212	210	201	213
10	Cost price = 425, Selling Price = 238 Loss = __	187	196	183	180
11	Cost price = 450, Selling Price = 162 Loss = __	298	283	294	288
12	Cost price = 852, Selling Price = 1457 Profit = __	605	601	604	614
13	Cost price = 885, Selling Price = 1363 Profit = __	486	482	478	477
14	Cost price = 931, Selling Price = 428 Loss = __	503	494	502	504

### Section 11

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$8^2 = \_$	60	63	73	64
2	$3^2 = \_$	1	10	17	9
3	$1^2 = \_$	-8	1	11	-4
4	$2^2 = \_$	8	3	4	14
5	$6^2 = \_$	30	36	46	34
6	$23^2 = \_$	523	529	525	531
7	$48^2 = \_$	2296	2312	2304	2308
8	$64^2 = \_$	4104	4096	4086	4105



9	$90^2 = \underline{\quad}$	8105	8094	8103	8100
10	$57^2 = \underline{\quad}$	3249	3254	3244	3248
11	$56^2 = \underline{\quad}$	3136	3130	3139	3126
12	$52^2 = \underline{\quad}$	2710	2704	2712	2709
13	$58^2 = \underline{\quad}$	3364	3369	3361	3372
14	$74^2 = \underline{\quad}$	5473	5484	5475	5476
15	$12^2 = \underline{\quad}$	144	148	139	135

### Section 12

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$217 + 59 - 4 = \underline{\quad}$	270	272	266	264
2	$145 + 85 - 4 = \underline{\quad}$	222	216	226	228
3	$587 + 17 - 9 = \underline{\quad}$	605	586	596	595
4	$218 + 74 - 2 = \underline{\quad}$	297	295	286	290
5	$321 + 24 - 6 = \underline{\quad}$	331	342	330	339
6	$971 - 53 + 3 = \underline{\quad}$	921	928	926	923
7	$582 - 99 + 3 = \underline{\quad}$	492	486	482	488
8	$603 - 66 + 5 = \underline{\quad}$	543	551	532	542
9	$259 - 76 + 3 = \underline{\quad}$	195	184	196	186
10	$906 - 62 + 5 = \underline{\quad}$	851	852	855	849

### Section 13

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$51 \times \underline{\quad} = 102$	-2	2	3	-4
2	$65 \times \underline{\quad} = 455$	-3	0	7	11
3	$78 \times \underline{\quad} = 234$	5	-5	-1	3
4	$55 \times \underline{\quad} = 220$	0	4	-6	11
5	$15 \times \underline{\quad} = 135$	14	3	9	2
6	$44 \times \underline{\quad} = 88$	1	11	2	8
7	$91 \times \underline{\quad} = 182$	3	-5	-8	2
8	$68 \times \underline{\quad} = 476$	-2	1	7	2
9	$67 \times \underline{\quad} = 134$	9	5	-3	2
10	$39 \times \underline{\quad} = 273$	14	5	7	13



### Section 14

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$9 \times 2 \times 9 = \_$	162	154	169	152
2	$5 \times 1 \times 7 = \_$	35	37	26	30
3	$2 \times 7 \times 8 = \_$	119	118	112	113
4	$2 \times 8 \times 8 = \_$	128	125	119	122
5	$6 \times 1 \times 9 = \_$	64	62	54	50
6	$9 \times 4 \times 5 = \_$	180	182	179	171
7	$1 \times 2 \times 9 = \_$	25	18	19	21
8	$3 \times 8 \times 9 = \_$	210	216	218	207
9	$4 \times 7 \times 9 = \_$	251	253	257	252
10	$7 \times 1 \times 7 = \_$	42	48	49	47

### Section 15

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$96 \times 61 = \_$	5853	5863	5856	5852
2	$81 \times 30 = \_$	2436	2422	2424	2430
3	$12 \times 88 = \_$	1052	1056	1054	1060
4	$52 \times 27 = \_$	1412	1404	1397	1394
5	$94 \times 54 = \_$	5074	5072	5076	5079
6	$52 \times 44 = \_$	2291	2288	2284	2285
7	$21 \times 59 = \_$	1239	1246	1240	1244
8	$13 \times 47 = \_$	604	605	612	611
9	$60 \times 20 = \_$	1210	1200	1199	1198
10	$67 \times 72 = \_$	4822	4824	4821	4834
11	$\sqrt{225} = \_$	16	15	20	7
12	$\sqrt{625} = \_$	33	25	22	26
13	$\sqrt{100} = \_$	8	9	10	11
14	$\sqrt{576} = \_$	17	32	24	21
15	$\sqrt{289} = \_$	19	17	22	21
16	$\sqrt{6084} = \_$	76	86	82	78
17	$\sqrt{3025} = \_$	64	49	55	51
18	$\sqrt{3600} = \_$	60	55	68	63
19	$\sqrt{1849} = \_$	35	41	33	43
20	$\sqrt{8464} = \_$	100	92	84	86





21	$\sqrt{8836} = \_$	91	92	88	94
22	$\sqrt{2025} = \_$	49	45	42	54
23	$\sqrt{4624} = \_$	68	59	70	77
24	$\sqrt{1681} = \_$	38	34	37	41
25	$\sqrt{1296} = \_$	26	43	36	32

### Section 16

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Cube Root of 39304 = $\_$	39	29	33	34
2	Cube Root of 64000 = $\_$	35	37	40	47
3	Cube Root of 68921 = $\_$	51	46	41	38
4	Cube Root of 13824 = $\_$	26	24	18	21
5	Cube Root of 42875 = $\_$	38	42	30	35
6	Cube Root of 21952 = $\_$	28	35	36	22
7	Cube Root of 10648 = $\_$	22	30	24	20
8	Cube Root of 17576 = $\_$	33	29	26	17
9	Cube Root of 59319 = $\_$	42	33	39	46
10	Cube Root of 79507 = $\_$	38	35	40	43

### Section 17

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$604 + 91 = \_$	690	691	699	695
2	$221 + 16 = \_$	239	237	229	234
3	$144 + 89 = \_$	231	233	232	227
4	$207 + 40 = \_$	244	247	252	250
5	$381 + 15 = \_$	396	386	402	392
6	$937 - 76 = \_$	859	860	861	856
7	$371 - 80 = \_$	282	287	291	292
8	$808 - 91 = \_$	715	717	716	727
9	$355 - 27 = \_$	320	338	328	324
10	$596 - 87 = \_$	499	519	510	509



### Section 18

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$768 + 727 = \underline{\quad}$	1495	1502	1492	1496
2	$170 + 738 = \underline{\quad}$	901	908	902	907
3	$729 + 479 = \underline{\quad}$	1199	1209	1208	1212
4	$843 + 908 = \underline{\quad}$	1744	1751	1761	1749
5	$827 + 247 = \underline{\quad}$	1067	1074	1068	1081
6	$810 - 49 + 34 = \underline{\quad}$	800	795	790	788
7	$678 - 51 + 42 = \underline{\quad}$	664	661	669	666
8	$412 - 39 + 13 = \underline{\quad}$	390	379	392	386
9	$380 - 84 + 17 = \underline{\quad}$	313	315	317	316
10	$380 - 84 + 47 = \underline{\quad}$	333	335	343	349
11	$662 + 99 - 84 = \underline{\quad}$	677	678	670	682
12	$957 + 44 - 38 = \underline{\quad}$	956	955	963	969
13	$607 + 36 - 25 = \underline{\quad}$	618	626	621	617
14	$299 + 78 - 31 = \underline{\quad}$	341	346	351	348
15	$536 + 84 - 54 = \underline{\quad}$	575	566	576	572

### Section 19

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$4443 - 461 = \underline{\quad}$	3976	3973	3982	3987
2	$9639 - 214 = \underline{\quad}$	9427	9425	9432	9418
3	$8776 - 958 = \underline{\quad}$	7818	7822	7810	7811
4	$9696 - 542 = \underline{\quad}$	9156	9158	9155	9154
5	$6625 - 435 = \underline{\quad}$	6188	6190	6185	6183

### Section 20

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$485 + 208 + 131 = \underline{\quad}$	824	831	816	826
2	$377 + 843 + 115 = \underline{\quad}$	1337	1335	1326	1333
3	$998 + 291 + 745 = \underline{\quad}$	2026	2027	2034	2044
4	$213 + 386 + 262 = \underline{\quad}$	861	852	869	865
5	$883 + 318 + 269 = \underline{\quad}$	1479	1470	1480	1468



### Section 21

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$(14 + 22) \times (55 + 77) = \_$	4753	4759	4742	4752
2	$(24 + 10) \times (20 + 96) = \_$	3939	3950	3944	3935
3	$(95 + 33) \times (75 + 80) = \_$	19838	19841	19837	19840
4	$(51 + 59) \times (46 + 50) = \_$	10560	10559	10569	10556
5	$(33 + 68) \times (47 + 56) = \_$	10401	10403	10406	10402

### Section 22

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Multiple of 14 = $\_$	29, 58, 86	32, 60, 89	36, 63, 93	28, 56, 84
2	Multiple of 32 = $\_$	66, 131, 162	64, 128, 160	68, 132, 165	71, 137, 167
3	Multiple of 95 = $\_$	190, 665, 760	192, 193, 667	194, 196, 670	197, 673, 769
4	Multiple of 27 = $\_$	55, 57, 190	58, 60, 194	62, 63, 197	54, 162, 189
5	Multiple of 91 = $\_$	273, 364, 546	275, 276, 547	278, 370, 550	281, 371, 554

### Section 23

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Find the LCM of 13 and 49 ?	637	638	644	640
2	Find the LCM of 40 and 85 ?	685	690	680	675
3	Find the LCM of 84 and 51 ?	1432	1424	1428	1436
4	Find the LCM of 76 and 19 ?	76	68	66	85
5	Find the LCM of 19 and 73 ?	1380	1397	1394	1387
6	Find the LCM of 98 and 69 ?	6755	6764	6760	6762
7	Find the LCM of 53 and 60 ?	3180	3170	3178	3185
8	Find the LCM of 16 and 22 ?	173	172	171	176
9	Find the LCM of 68 and 77 ?	5239	5235	5236	5238
10	Find the LCM of 45 and 93 ?	1390	1389	1387	1395



### Section 24

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Find the HCF of 84, 65 = _	1	4	9	-9
2	Find the HCF of 51, 94 = _	-6	-5	8	1
3	Find the HCF of 58, 44 = _	-8	2	4	-6
4	Find the HCF of 14, 81 = _	-7	1	-1	2
5	Find the HCF of 20, 81 = _	-6	3	1	-5

### Section 25

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	905 / 5 = _	173	181	180	190
2	232 / 2 = _	120	121	116	112
3	532 / 4 = _	133	131	143	134
4	952 / 8 = _	123	110	124	119
5	879 / 3 = _	293	286	285	291

### Section 26

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Remainder of 87 / 7 = _	3	1	2	-1
2	Remainder of 26 / 1 = _	7	-10	0	-1
3	Remainder of 31 / 3 = _	4	-9	1	-4
4	Remainder of 58 / 7 = _	4	2	-5	10
5	Remainder of 75 / 9 = _	6	3	1	-2
6	Remainder of 315 / 14 = _	7	-1	16	12
7	Remainder of 565 / 67 = _	35	36	29	37
8	Remainder of 205 / 29 = _	2	3	-2	-6
9	Remainder of 305 / 48 = _	18	17	26	24
10	Remainder of 734 / 86 = _	52	45	46	40



### Section 27

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	25% of 44 = _	2	21	11	16
2	5% of 80 = _	1	-3	4	-1
3	25% of 76 = _	14	19	23	9
4	8% of 25 = _	6	2	-7	-8
5	6% of 50 = _	3	-1	13	5
6	50% of 62 = _	23	36	21	31
7	25% of 664 = _	169	162	166	173
8	20% of 245 = _	49	44	47	41
9	25% of 228 = _	56	47	51	57
10	20% of 185 = _	37	41	28	38
11	25% of 844 = _	214	211	212	219
12	25% of 116 = _	20	25	27	29
13	25% of 164 = _	45	31	41	49
14	25% of 812 = _	208	202	194	203

### Section 28

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	Prime Factors of 50 = _	8, 11	11, 12, 14	2, 5, 5	4, 7, 8
2	Prime Factors of 26 = _	8, 17	9, 22	2, 13	5, 15
3	Prime Factors of 87 = _	5, 31	3, 29	8, 33	10, 37
4	Prime Factors of 88 = _	3, 4, 13	6, 8, 15	9, 10, 20	2, 2, 2, 11
5	Prime Factors of 74 = _	4, 38	2, 37	6, 42	11, 45
6	Prime Factors of 237 = _	4, 80	3, 79	7, 85	10, 88
7	Prime Factors of 536 = _	2, 2, 2, 67	3, 4, 5, 68	6, 7, 8, 71	9, 11, 76
8	Prime Factors of 750 = _	2, 3, 5, 5, 5	4, 5, 6, 8	8, 9, 10	10, 12, 13
9	Prime Factors of 934 = _	4, 468	8, 471	2, 467	10, 474
10	Prime Factors of 630 = _	5, 6, 7, 9	6, 8, 9, 11, 13	11, 12, 15	2, 3, 3, 5, 7



### Section 29

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$18 : 222 = \underline{\quad}$	8:43	8:40	5:42	3:37
2	$14 : 511 = \underline{\quad}$	4:79	10:81	4:76	2:73
3	$45 : 333 = \underline{\quad}$	11:42	5:37	7:44	12:45
4	$25 : 145 = \underline{\quad}$	14:37	5:29	12:35	12:34
5	$40 : 632 = \underline{\quad}$	7:81	14:80	6:87	5:79
6	$24 : 40 = \underline{\quad}$	3:5	7:14	11:7	11:13
7	$30 : 18 = \underline{\quad}$	12:11	7:5	13:11	5:3
8	$45 : 18 = \underline{\quad}$	5:2	11:9	10:3	11:11
9	$45 : 27 = \underline{\quad}$	12:4	11:8	5:3	7:5
10	$63 : 18 = \underline{\quad}$	7:2	12:11	9:6	11:3

### Section 30

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$174 / 58 = \underline{\quad}$	3	-7	8	-5
2	$729 / 81 = \underline{\quad}$	5	9	13	10
3	$468 / 39 = \underline{\quad}$	4	18	12	22
4	$900 / 60 = \underline{\quad}$	21	15	5	16
5	$296 / 74 = \underline{\quad}$	4	1	14	11