



Global Mental Math Olympiad 2026, Dubai

Question Bank 3 – **Answer Key**

Grandmaster Category (Ages 12 & above)

Section	Question Content	Option 1	Option 2	Option 3	Option 4
1	Triple of 70 = __	216	204	210	205
2	$12 + 8 - 4 =$ __	10	16	25	9
3	Double of 76 + Half of 76 = __	199	183	194	190
4	Triple of 22 = __	74	59	66	57
5	Double of 66 + Half of 34 = __	157	155	145	149
6	$760 \times 7 =$ __	5318	5312	5320	5321
7	$76^2 =$ __	5781	5768	5783	5776
8	$99 + 52 =$ __	153	151	149	155
9	$14 - 5 - 4 =$ __	14	13	5	6
10	$47 \times$ __ = 141	5	3	1	8
11	__ $\times$ 100 = 6600	66	61	73	68
12	25% of 52 = __	11	22	20	13
13	$6^2 =$ __	30	36	28	40
14	$73 + 59 - 36 =$ __	90	96	92	98
15	$33^2 =$ __	1089	1087	1095	1098
16	Double of 25 = __	48	54	44	50
17	Double of 90 + Half of 90 = __	228	225	221	218
18	$33 + 24 =$ __	64	57	54	50
19	Double of 43 = __	82	81	92	86
20	$87 + 72 - 50 =$ __	109	111	105	114
21	Prime Factors of 88 = __	10, 11, 20	3, 4, 14	2, 2, 2, 11	6, 8, 15
22	40% of 35 = __	23	14	11	7
23	$49 \times$ __ = 98	9	2	6	7
24	$90 + 8 - 5 =$ __	85	93	86	90
25	Half of 1222 = __	614	608	615	611
26	__ $\times$ 100 = 7000	77	66	70	64
27	Half of 2098 = __	1049	1051	1045	1044
28	$37 - 9 - 7 =$ __	15	25	26	21
29	$340 \times 7 =$ __	2374	2381	2380	2385
30	Half of 2756 = __	1376	1377	1378	1381
31	$507 - 55 =$ __	454	452	447	472

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32	Cube Root of 17576 = __	36	23	26	20
33	756 + 66 - 3 = __	819	828	809	827
34	Find the LCM of 58 and 22 ?	658	637	638	643
35	2.24 x 10 = __	19.4	22.4	2.24	18.4
36	Find the LCM of 42 and 87 ?	1222	1238	1218	1213
37	Double of 96 + Half of 104 = __	254	238	234	244
38	11% of 900 = __	99	79	104	93
39	Double of 24 + Double of 87 = __	223	232	222	212
40	Profit = 244, Selling Price = 762 Cost price = __	521	509	518	538
41	Triple of 349 = __	1048	1041	1057	1047
42	Multiple of 19 = __	43, 44, 81	39, 40, 78	38, 76, 171	45, 47, 84
43	21 x 54 = __	1138	1134	1140	1114
44	24 x 54 = __	1293	1294	1296	1316
45	Multiple of 61 = __	183, 244, 427	190, 253, 434	188, 248, 431	186, 246, 428
46	Find the HCF of 98, 32 = __	3	5	11	2
47	968.7 x 100 = __	96872	96780	96870	96873
48	28, 74, 29, 34, 80 Mean = __	59	43	51	49
49	$\sqrt{169}$ = __	13	21	15	17
50	Double of 595 = __	1198	1189	1200	1190
51	837 - 68 + 7 = __	786	781	796	776
52	Cube Root of 13824 = __	24	17	15	34
53	394 + 34 = __	428	438	429	408
54	97 - 66 - 22 = __	14	4	9	29
55	$\sqrt{9604}$ = __	98	102	92	95
56	61 x 83 = __	5053	5067	5065	5063
57	89, 73, 72, 27, 64 Mean = __	65	73	69	55
58	Find the LCM of 35 and 55 ?	385	388	392	405
59	Triple of 785 = __	2345	2363	2348	2355
60	Half of 886 = __	453	436	443	448
61	Loss = 64, Selling Price = 94 Cost price = __	156	164	178	158
62	Cube Root of 79507 = __	46	33	43	38



63	$5.23 \times 100 = \underline{\quad}$	528	523	5230	516
64	Double of 192 = $\underline{\quad}$	393	384	382	404
65	$967 - 53 = \underline{\quad}$	915	924	922	914
66	$195 + 67 = \underline{\quad}$	272	264	252	262
67	$6252 / 6$ Quotient = $\underline{\quad}$	1052	1042	1043	1049
68	$\sqrt{7921} = \underline{\quad}$	92	89	81	82
69	38, 51, 74, 96, 76 Mean = $\underline{\quad}$	65	67	63	77
70	Double of 83 + Half of 162 = $\underline{\quad}$	240	237	247	248
71	Half of 890 = $\underline{\quad}$	447	465	444	445
72	Half of 2006 = $\underline{\quad}$	1008	1000	1003	1013
73	Find the HCF of 22, 33 = $\underline{\quad}$	16	9	13	11
74	Half of 6564 = $\underline{\quad}$	3277	3291	3282	3292
75	$87 - 69 - 10 = \underline{\quad}$	8	13	4	18
76	25% of 632 = $\underline{\quad}$	164	148	151	158
77	$\sqrt{121} = \underline{\quad}$	3	19	18	11
78	Cost price = 890, Selling Price = 338 Loss = $\underline{\quad}$	555	562	551	552
79	Find the HCF of 72, 32 = $\underline{\quad}$	9	10	8	1
80	Double of 83 + Double of 83 = $\underline{\quad}$	327	322	332	342
81	$8 \times 8 \times 4 = \underline{\quad}$	246	259	256	266
82	$55 : 235 = \underline{\quad}$	17:53	17:52	13:54	11:47
83	$200 + 235 + 502 = \underline{\quad}$	935	937	943	927
84	$15 : 55 = \underline{\quad}$	6:13	10:13	4:13	3:11
85	$3360 - 770 = \underline{\quad}$	2583	2600	2590	2593
86	$276 + 76 - 39 = \underline{\quad}$	313	304	413	303
87	$556 \times 573 = \underline{\quad}$	315888	318583	318688	318588
88	$35 : 185 = \underline{\quad}$	9:42	7:37	12:42	16:46
89	Remainder of $650 / 63 = \underline{\quad}$	20	24	22	28
90	$180 / 9$ Quotient = $\underline{\quad}$	19	22	20	40
91	Prime Factors of 129 = $\underline{\quad}$	3, 43	8, 47	11, 52	4, 46
92	$(55 + 59) \times (53 + 88) = \underline{\quad}$	16074	16082	16094	16079
93	Cost price = 922, Selling Price = 1273 Profit = $\underline{\quad}$	331	356	355	351
94	Remainder of $55 / 7 = \underline{\quad}$	1	5	6	4
95	Prime Factors of 693 = $\underline{\quad}$	5, 6, 9, 12	9, 11, 17	10, 12, 16, 20	3, 3, 7, 11
96	Cost price = 784, Selling Price = 1114 Profit = $\underline{\quad}$	328	326	330	350
97	$949 + 518 = \underline{\quad}$	1465	1467	1457	1447

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98	Remainder of $860 / 21 = \underline{\quad}$	23	11	25	20
99	$718 - 98 + 83 = \underline{\quad}$	683	703	713	701
100	Remainder of $71 / 8 = \underline{\quad}$	7	5	4	6



