



Global Mental Math Olympiad 2024

Question Bank 2-Answer Key

Grandmaster Challenge (Ages 12 & above)

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$35 + 2 - 1 = _$	36	40	37	38
2	$893 - 96 + 2 = _$	801	799	800	807
3	Double of 68 + Half of 132 = $_$	204	202	210	207
4	$67^2 = _$	4489	4483	4492	4480
5	49, 37, 76 Mean = $_$	49	54	57	59
6	Double of 30 + Half of 36 = $_$	78	82	79	85
7	$91 + 78 - 39 = _$	134	130	138	131
8	Half of 3834 = $_$	1921	1926	1920	1917
9	Half of 5946 = $_$	2966	2973	2970	2972
10	Half of 7182 = $_$	3591	3593	3585	3588
11	471 / 3 Quotient = ?	157	160	158	161
12	$557 - 75 = _$	487	482	483	490
13	Find the LCM of 60 and 90 ?	186	180	187	189
14	Remainder of $91 / 5 = _$	10	8	1	2
15	Cube Root of 54872 = $_$	41	40	38	28
16	Double of 34 + Half of 60 = $_$	99	107	103	98
17	$362 + 619 = _$	971	981	983	986
18	25% of 388 = $_$	88	97	93	101
19	$89 \times 39 = _$	3471	3473	3478	3472
20	$46 - 4 - 3 = _$	40	45	39	42
21	$74 - 61 - 11 = _$	2	4	3	10
22	396 / 4 Quotient = ?	103	99	101	100
23	Half of 450 = $_$	225	218	224	230
24	$13 + 42 = _$	55	56	60	59
25	Triple of 97 = $_$	287	291	283	281



26	$992 - 42 + 6 = \underline{\quad}$	960	964	959	956
27	Double of 44 = $\underline{\quad}$	92	97	88	82
28	$98 + 25 = \underline{\quad}$	123	127	124	129
29	Double of 48 + Half of 170 = $\underline{\quad}$	186	185	181	189
30	$54 - 7 - 5 = \underline{\quad}$	44	49	46	42
31	$55 \times \underline{\quad} = 330$	15	13	6	7
32	$64 + 29 - 27 = \underline{\quad}$	67	66	70	75
33	$88 - 41 - 37 = \underline{\quad}$	10	12	16	11
34	$1 \times 5 \times 4 = \underline{\quad}$	21	24	20	29
35	$72 - 3 - 1 = \underline{\quad}$	70	72	77	68
36	Triple of 56 = $\underline{\quad}$	164	175	168	172
37	Half of 7838 = $\underline{\quad}$	3921	3919	3914	3920
38	$473 - 76 + 8 = \underline{\quad}$	413	405	406	407
39	Find the HCF of 75, 64 = $\underline{\quad}$	1	3	4	10
40	Cost price = 871, Selling Price = 435 Loss = $\underline{\quad}$	433	428	436	427
41	$282 - 88 + 77 = \underline{\quad}$	271	273	272	274
42	Double of 69 = $\underline{\quad}$	134	140	147	138
43	$3^2 = \underline{\quad}$	4	9	11	8
44	$\sqrt{100} = \underline{\quad}$	8	20	10	13
45	$85 + 56 - 46 = \underline{\quad}$	104	96	95	101
46	$40 + 8 - 5 = \underline{\quad}$	44	49	48	43
47	Find the LCM of 67 and 83 ?	5564	5561	5563	5651
48	$4 \times 4 \times 9 = \underline{\quad}$	148	144	151	145
49	Multiple of 66 = $\underline{\quad}$	203, 269, 466	206, 273, 469	198, 264, 462	200, 265, 464
50	Double of 96 + Double of 76 = $\underline{\quad}$	348	349	350	344



51	$(34 + 76) \times (59 + 69) = _$	14085	14080	14087	14089
52	Half of 6710 = $_$	3355	3348	3357	3359
53	$93^2 = _$	8644	8649	8654	8645
54	Find the LCM of 97 and 29 ?	2817	2813	2808	2816
55	Prime Factors of 80 = $_$	6, 7, 8, 11	9, 10, 11, 12	2, 2, 2, 2, 5	3, 4, 7
56	72, 20, 97, 41, 50 Mean = $_$	48	53	56	54
57	$\sqrt{2304} = _$	38	57	54	48
58	$\sqrt{324} = _$	11	18	12	17
59	Find the HCF of 12, 49 = $_$	3	1	7	10
60	Triple of 61 = $_$	188	174	175	183
61	$7498 - 232 = _$	7266	7270	7271	7267
62	Prime Factors of 698 = $_$	6, 355	11, 356	4, 351	2, 349
63	$96 + 6 - 6 = _$	97	104	96	102
64	Double of 270 = $_$	540	546	535	548
65	50, 41, 38 Mean = $_$	48	43	52	47
66	20% of 665 = $_$	142	133	124	135
67	Remainder of $83 / 6 = _$	14	6	13	5
68	30, 64, 29, 95, 72 Mean = $_$	50	58	54	53
69	$481 + 69 = _$	556	550	551	555
70	Cost price = 922, Selling Price = 525 Loss = $_$	402	389	397	399
71	$108 / 18$ Quotient = ?	7	10	6	14
72	Find the HCF of 70, 62 = $_$	2	4	3	6
73	Cost price = 926, Selling Price = 537 Loss = $_$	398	389	396	390
74	Double of 97 = $_$	194	195	188	200
75	Double of 37 + Double of 94 = $_$	267	271	262	263



76	$34 + 9 - 6 = \underline{\quad}$	43	41	37	46
77	Double of 756 = $\underline{\quad}$	1515	1512	1510	1517
78	Double of 76 + Half of 54 = $\underline{\quad}$	188	179	183	184
79	$170 + 11 - 3 = \underline{\quad}$	180	183	181	178
80	Cost price = 351, Selling Price = 538 Profit = $\underline{\quad}$	187	179	183	196
81	$989 + 452 + 427 = \underline{\quad}$	1869	1873	1868	1870
82	$9 \times 5 \times 9 = \underline{\quad}$	406	411	405	408
83	$99 - 96 - 3 = \underline{\quad}$	0	6	3	8
84	$23 + 7 - 4 = \underline{\quad}$	27	26	28	34
85	Half of 940 = $\underline{\quad}$	462	471	472	470
86	Multiple of 87 = $\underline{\quad}$	528, 613, 702	523, 612, 697	522, 609, 696	530, 617, 704
87	$435 + 95 - 7 = \underline{\quad}$	532	524	526	523
88	Cube Root of 17576 = $\underline{\quad}$	29	18	26	16
89	$88 \times 91 = \underline{\quad}$	8008	8010	8009	8012
90	$18 \times \underline{\quad} = 72$	5	11	8	4
91	Prime Factors of 51 = $\underline{\quad}$	4, 20	7, 23	11, 25	3, 17
92	$868 + 52 - 43 = \underline{\quad}$	878	879	882	877
93	$\sqrt{5625} = \underline{\quad}$	78	75	65	76
94	Triple of 822 = $\underline{\quad}$	2473	2466	2471	2469
95	$36 + 14 = \underline{\quad}$	50	55	52	59
96	728 / 91 Quotient = ?	8	18	13	12
97	434 / 2 Quotient = ?	219	221	217	218
98	$95 \times \underline{\quad} = 760$	9	15	8	14
99	Cube Root of 91125 = $\underline{\quad}$	44	53	35	45
100	50% of 560 = $\underline{\quad}$	275	260	265	280