



Global Mental Math Olympiad 2024

Question Bank 1

Zen Master Challenge

Sr. no.	Question Content	Option 1	Option 2	Option 3	Option 4
1	Remainder of $192 / 93 = \underline{\hspace{1cm}}$	6	13	7	14
2	Prime Factors of 706 = $\underline{\hspace{1cm}}$	2, 353	8, 358	4, 355	10, 360
3	65% of 400 = $\underline{\hspace{1cm}}$	260	265	264	251
4	$(11 + 63) \times (99 + 58) = \underline{\hspace{1cm}}$	11618	11622	11608	11621
5	$762 + 27 - 6 = \underline{\hspace{1cm}}$	788	773	783	784
6	Half of 4840 = $\underline{\hspace{1cm}}$	2420	2413	2412	2419
7	$3102 / 6$ Quotient = $\underline{\hspace{1cm}}$	519	517	526	507
8	$883 + 92 = \underline{\hspace{1cm}}$	976	965	984	975
9	Cube Root of 13824 = $\underline{\hspace{1cm}}$	23	34	28	24
10	$244 + 315 = \underline{\hspace{1cm}}$	560	559	565	564
11	Find the LCM of 56 and 88 ?	613	625	618	616
12	Find the HCF of 42, 56 = $\underline{\hspace{1cm}}$	22	4	18	14
13	6% of 150 = $\underline{\hspace{1cm}}$	9	1	8	2
14	24, 38, 49 Mean = $\underline{\hspace{1cm}}$	38	37	39	28
15	$84^2 = \underline{\hspace{1cm}}$	7056	7057	7060	7053
16	Cost price = 208, Selling Price = 68 Loss = $\underline{\hspace{1cm}}$	140	142	139	148
17	Find the LCM of 97 and 27 ?	2615	2622	2612	2619
18	Double of 76 + Half of 38 = $\underline{\hspace{1cm}}$	173	172	171	161
19	$510 / 3$ Quotient = $\underline{\hspace{1cm}}$	170	160	176	177
20	Cost price = 786, Selling Price = 235 Loss = $\underline{\hspace{1cm}}$	551	547	550	541
21	Double of 26 + Double of 78 = $\underline{\hspace{1cm}}$	217	214	208	210
22	Cost price = 645, Selling Price = 328 Loss = $\underline{\hspace{1cm}}$	324	326	316	317
23	$152 - 83 + 50 = \underline{\hspace{1cm}}$	120	119	126	109
24	$388 \times 2 = \underline{\hspace{1cm}}$	766	777	779	776
25	$6.59 + 7.135 = \underline{\hspace{1cm}}$	22.725	16.725	13.725	13.735



26	Triple of 524 = _	1562	1572	1576	1577
27	$31^2 =$ _	961	958	952	959
28	$92 + 78 - 58 =$ _	102	112	119	114
29	$85 - 53 - 10 =$ _	22	29	31	23
30	$\sqrt{3136} =$ _	54	66	62	56
31	$\sqrt{1600} =$ _	46	42	30	40
32	$7872 - 501 =$ _	7371	7372	7373	7361
33	$817 - 52 =$ _	766	765	773	767
34	50% of 42 = _	21	23	24	13
35	Double of 326 = _	652	650	661	659
36	$351 + 57 - 4 =$ _	394	408	404	444
37	Find the LCM of 69 and 46 ?	142	147	138	131
38	Cube Root of 15625 = _	25	15	30	26
39	$49 \times 57 =$ _	2794	2798	2800	2793
40	Double of 11 + Half of 56 = _	53	40	50	52
41	Half of 8066 = _	4033	4039	4038	4031
42	$84 \times _ = 420$	10	6	5	11
43	$28 + 24 - 16 =$ _	37	26	36	44
44	$687 - 37 =$ _	650	651	652	656
45	$49 : 35 =$ _	10:13	7:5	14:13	9:7
46	$82 \times 41 =$ _	3369	3352	3368	3362
47	$885 - 33 + 27 =$ _	886	869	879	880
48	59, 25, 71, 62, 68 Mean = _	52	57	48	65
49	$56 : 104 =$ _	12:15	12:21	12:18	7:13
50	50% of 58 = _	24	32	28	29



51	Half of 892 = _	446	450	444	442
52	$80 \times _ = 720$	15	12	9	10
53	Half of 6428 = _	3214	3206	3211	3207
54	14, 80, 33, 28, 80 Mean = _	43	47	49	46
55	Cost price = 664, Selling Price = 1096 Profit = _	435	434	422	432
56	Prime Factors of 30 = _	4, 8	7, 9	2, 3, 5	10, 12
57	$883 - 91 + 1 = _$	793	795	783	794
58	$58 - 28 - 18 = _$	12	13	20	14
59	Double of 80 + Half of 154 = _	244	245	227	237
60	$2.21 + 2.433 = _$	13.643	4.633	9.643	4.643
61	Multiple of 55 = _	173, 227, 394	168, 223, 387	165, 220, 385	170, 226, 390
62	$48 \times 57 = _$	2737	2741	2736	2738
63	$292 + 917 + 975 = _$	2186	2184	2174	2185
64	Half of 5056 = _	2530	2526	2537	2528
65	$\sqrt{3844} = _$	60	59	68	62
66	$(42 + 69) \times (33 + 95) = _$	14208	14215	14210	14212
67	Multiple of 70 = _	357, 428, 499	354, 425, 426	352, 422, 423	350, 420, 490
68	Multiple of 97 = _	196, 487, 876	199, 490, 879	194, 485, 873	202, 494, 882
69	Prime Factors of 866 = _	2, 433	9, 441	8, 438	3, 434
70	80, 79, 64, 38, 74 Mean = _	64	76	72	67
71	Remainder of $475 / 39 = _$	15	7	8	9
72	$238 / 17$ Quotient = _	15	4	14	17
73	$295 + 64 = _$	349	368	360	359
74	Find the HCF of 16, 87 = _	4	2	3	1
75	Double of 91 + Half of 138 = _	251	257	259	252



76	$330 \div 6$ Quotient = _	55	57	56	45
77	$874 \div 46$ Quotient = _	23	19	28	29
78	Prime Factors of 48 = _	2, 2, 2, 2, 3	3, 4, 5, 6	9, 10, 11	6, 8, 9
79	34×95 = _	3234	3232	3320	3230
80	Prime Factors of 135 = _	10, 12, 14	7, 11	4, 5, 7	3, 3, 3, 5
81	73×95 = _	6940	6936	6935	6925
82	20% of 915 = _	178	183	175	185
83	Cube Root of 29791 = _	40	31	24	21
84	$\sqrt{1225}$ = _	35	30	25	43
85	$867 + 777 + 795$ = _	2349	2448	2441	2439
86	$18 : 354$ = _	8:60	3:59	9:61	4:62
87	Cube Root of 59319 = _	39	31	43	29
88	$6 \times 6 \times 5$ = _	170	180	181	184
89	$9007 - 675$ = _	8339	8332	8334	8341
90	48, 27, 72 Mean = _	49	42	55	51
91	$196 + 419$ = _	616	615	617	605
92	$35 \times _ = 105$	11	5	12	3
93	773×5 = _	3871	3685	3867	3865
94	$656 + 46 - 27$ = _	676	675	683	678
95	$549 + 78 - 32$ = _	599	595	596	598
96	$146 - 87 + 5$ = _	71	64	65	54
97	Remainder of $93 \div 8$ = _	5	7	6	10
98	$14 : 49$ = _	11:11	8:15	2:7	3:14
99	$4080 \div 5$ Quotient = _	716	816	817	822
100	Find the HCF of 87, 90 = _	7	10	3	5