



## Global Mental Math Olympiad 2024

### Addition & Subtraction Sprint Question Bank 1-**Answer Key**

#### Grandmaster Category (Ages 12 & above)

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$4 + 3 + 2 = \underline{\quad}$	5	9	17	16
2	$3 + 9 + 9 = \underline{\quad}$	30	12	28	21
3	$4 + 7 + 1 = \underline{\quad}$	14	4	8	12
4	$6 + 8 + 5 = \underline{\quad}$	27	15	19	24
5	$6 + 3 + 7 = \underline{\quad}$	16	10	9	18
6	$8 + 7 - 6 = \underline{\quad}$	10	5	9	2
7	$8 + 7 - 1 = \underline{\quad}$	14	21	15	20
8	$7 + 4 - 1 = \underline{\quad}$	15	8	10	18
9	$9 + 7 - 7 = \underline{\quad}$	4	5	14	9
10	$6 + 5 - 2 = \underline{\quad}$	18	11	2	9
11	$86 + 7 + 7 = \underline{\quad}$	98	97	106	100
12	$25 + 9 + 5 = \underline{\quad}$	39	32	36	41
13	$74 + 7 + 9 = \underline{\quad}$	92	82	90	96
14	$65 + 4 + 1 = \underline{\quad}$	70	78	71	64
15	$39 + 3 + 4 = \underline{\quad}$	37	45	42	46
16	$10 + 9 - 7 = \underline{\quad}$	7	12	17	16
17	$33 + 7 - 3 = \underline{\quad}$	37	30	39	28
18	$28 + 4 - 2 = \underline{\quad}$	36	30	37	28
19	$73 + 4 - 2 = \underline{\quad}$	66	78	73	75
20	$72 + 9 - 8 = \underline{\quad}$	75	74	70	73
21	$41 - 6 + 3 = \underline{\quad}$	42	46	38	30
22	$81 - 8 + 7 = \underline{\quad}$	73	80	86	89
23	$77 - 4 + 1 = \underline{\quad}$	65	66	74	75
24	$30 - 8 + 1 = \underline{\quad}$	23	18	28	30
25	$56 - 3 + 2 = \underline{\quad}$	52	62	55	54
26	$75 + 8 = \underline{\quad}$	78	90	85	83
27	$72 + 7 = \underline{\quad}$	82	76	72	79
28	$56 + 8 = \underline{\quad}$	64	62	69	58
29	$65 + 5 = \underline{\quad}$	68	78	70	74
30	$11 + 6 = \underline{\quad}$	10	17	14	21



31	$14 - 7 = \underline{\quad}$	3	13	10	7
32	$48 - 8 = \underline{\quad}$	43	39	40	49
33	$67 - 9 = \underline{\quad}$	63	56	58	66
34	$63 - 8 = \underline{\quad}$	51	47	58	55
35	$90 - 8 = \underline{\quad}$	84	74	91	82
36	$65 + 98 = \underline{\quad}$	165	164	161	163
37	$66 + 63 = \underline{\quad}$	131	120	129	124
38	$80 + 95 = \underline{\quad}$	167	176	175	177
39	$69 + 29 = \underline{\quad}$	102	96	100	98
40	$95 + 47 = \underline{\quad}$	148	151	141	142
41	$55 - 19 = \underline{\quad}$	30	42	36	29
42	$76 - 16 = \underline{\quad}$	57	60	52	58
43	$96 - 25 = \underline{\quad}$	70	64	71	78
44	$90 - 89 = \underline{\quad}$	6	8	1	7
45	$98 - 65 = \underline{\quad}$	36	33	42	29
46	$68 + 8 - 1 = \underline{\quad}$	68	75	67	77
47	$12 + 9 - 5 = \underline{\quad}$	14	12	16	15
48	$40 + 4 - 4 = \underline{\quad}$	43	40	42	37
49	$54 + 5 - 5 = \underline{\quad}$	54	56	63	46
50	$75 + 7 - 5 = \underline{\quad}$	77	81	73	68
51	$91 + 7 - 1 = \underline{\quad}$	97	93	88	95
52	$30 + 8 - 3 = \underline{\quad}$	39	43	35	34
53	$90 + 4 - 4 = \underline{\quad}$	88	97	84	90
54	$85 + 6 - 3 = \underline{\quad}$	94	87	88	97
55	$68 + 5 - 2 = \underline{\quad}$	68	72	67	71
56	$66 + 9 - 1 = \underline{\quad}$	65	77	74	76
57	$49 + 6 - 5 = \underline{\quad}$	47	50	54	45
58	$56 + 4 - 1 = \underline{\quad}$	66	52	55	59
59	$45 + 4 - 2 = \underline{\quad}$	43	38	45	47
60	$23 + 3 - 1 = \underline{\quad}$	23	25	30	22
61	$93 - 8 - 4 = \underline{\quad}$	73	81	83	90
62	$47 - 8 - 7 = \underline{\quad}$	32	34	29	31
63	$99 - 9 - 1 = \underline{\quad}$	92	89	91	87
64	$79 - 8 - 1 = \underline{\quad}$	68	62	71	70
65	$13 - 8 - 4 = \underline{\quad}$	7	1	10	3
66	$91 - 7 - 4 = \underline{\quad}$	78	74	86	80



67	$92 - 4 - 1 = \underline{\quad}$	90	94	87	85
68	$91 - 9 - 5 = \underline{\quad}$	81	85	84	77
69	$80 - 8 - 7 = \underline{\quad}$	64	61	70	65
70	$70 - 3 - 3 = \underline{\quad}$	65	60	62	64
71	$25 - 6 - 5 = \underline{\quad}$	14	13	12	6
72	$39 - 7 - 2 = \underline{\quad}$	33	22	30	23
73	$75 - 2 - 1 = \underline{\quad}$	77	71	79	72
74	$36 - 3 - 1 = \underline{\quad}$	28	27	35	32
75	$76 - 5 - 3 = \underline{\quad}$	72	68	77	66
76	$75 + 33 = \underline{\quad}$	108	112	115	110
77	$32 + 53 = \underline{\quad}$	85	90	91	92
78	$68 + 30 = \underline{\quad}$	96	98	97	92
79	$22 + 28 = \underline{\quad}$	50	51	48	55
80	$76 + 49 = \underline{\quad}$	125	119	130	120
81	$17 + 55 = \underline{\quad}$	81	74	65	72
82	$30 + 89 = \underline{\quad}$	120	115	119	126
83	$27 + 80 = \underline{\quad}$	99	112	107	110
84	$93 + 41 = \underline{\quad}$	136	134	125	139
85	$62 + 15 = \underline{\quad}$	74	76	73	77
86	$82 + 39 - 15 = \underline{\quad}$	112	106	107	102
87	$73 + 67 - 58 = \underline{\quad}$	80	89	82	78
88	$77 + 41 - 13 = \underline{\quad}$	107	100	105	102
89	$88 + 67 - 49 = \underline{\quad}$	103	112	98	106
90	$67 + 34 - 28 = \underline{\quad}$	73	82	75	71
91	$60 + 53 - 28 = \underline{\quad}$	85	80	89	94
92	$95 + 60 - 54 = \underline{\quad}$	103	106	99	101
93	$99 + 88 - 48 = \underline{\quad}$	135	139	146	131
94	$58 + 33 - 32 = \underline{\quad}$	57	50	51	59
95	$62 + 48 - 10 = \underline{\quad}$	100	91	108	109
96	$53 - 35 - 12 = \underline{\quad}$	4	6	15	12
97	$61 - 30 - 17 = \underline{\quad}$	14	9	18	22
98	$35 - 33 - 1 = \underline{\quad}$	8	1	4	6
99	$79 - 25 - 24 = \underline{\quad}$	35	32	30	33
100	$96 - 88 - 8 = \underline{\quad}$	0	2	7	9



101	$72 - 46 - 21 = \underline{\quad}$	5	12	9	3
102	$49 - 36 - 11 = \underline{\quad}$	4	11	2	6
103	$62 - 58 - 2 = \underline{\quad}$	11	4	2	9
104	$94 - 69 - 21 = \underline{\quad}$	6	1	8	4
105	$96 - 71 - 13 = \underline{\quad}$	3	6	12	5
106	$423 + 23 = \underline{\quad}$	455	446	437	444
107	$536 + 55 = \underline{\quad}$	596	587	592	591
108	$824 + 53 = \underline{\quad}$	872	877	878	885
109	$800 + 73 = \underline{\quad}$	873	877	871	875
110	$963 + 78 = \underline{\quad}$	1036	1042	1037	1041
111	$752 - 60 = \underline{\quad}$	694	698	692	699
112	$484 - 89 = \underline{\quad}$	390	389	395	392
113	$759 - 52 = \underline{\quad}$	711	708	707	709
114	$609 - 53 = \underline{\quad}$	552	548	556	549
115	$568 - 49 = \underline{\quad}$	528	519	511	518
116	$199 + 73 - 1 = \underline{\quad}$	264	269	280	271
117	$160 + 60 - 2 = \underline{\quad}$	223	215	218	220
118	$798 + 59 - 3 = \underline{\quad}$	849	858	854	846
119	$931 + 69 - 3 = \underline{\quad}$	1006	995	1003	997
120	$786 + 73 - 7 = \underline{\quad}$	852	859	854	851
121	$201 - 62 + 5 = \underline{\quad}$	144	152	136	146
122	$834 - 85 + 2 = \underline{\quad}$	758	744	751	743
123	$234 - 71 + 3 = \underline{\quad}$	166	167	165	157
124	$909 - 22 + 3 = \underline{\quad}$	898	891	890	887
125	$941 - 14 + 1 = \underline{\quad}$	919	934	929	928
126	$236 + 605 = \underline{\quad}$	833	841	837	847
127	$765 + 680 = \underline{\quad}$	1445	1447	1454	1440
128	$950 + 288 = \underline{\quad}$	1241	1236	1243	1238
129	$305 + 854 = \underline{\quad}$	1159	1158	1166	1168
130	$664 + 957 = \underline{\quad}$	1629	1621	1620	1624
131	$113 + 476 + 825 = \underline{\quad}$	1420	1419	1414	1413
132	$950 + 404 + 534 = \underline{\quad}$	1886	1880	1890	1888
133	$575 + 637 + 976 = \underline{\quad}$	2192	2188	2184	2196
134	$336 + 377 + 288 = \underline{\quad}$	1000	1001	994	1006
135	$892 + 433 + 458 = \underline{\quad}$	1783	1786	1776	1789



136	$356 - 43 + 27 = \underline{\quad}$	346	342	340	339
137	$968 - 86 + 46 = \underline{\quad}$	920	919	928	927
138	$960 - 65 + 32 = \underline{\quad}$	932	925	927	923
139	$905 - 78 + 64 = \underline{\quad}$	891	890	894	882
140	$811 - 73 + 17 = \underline{\quad}$	755	762	750	754
141	$686 + 90 - 45 = \underline{\quad}$	731	730	733	729
142	$374 + 76 - 27 = \underline{\quad}$	425	418	419	423
143	$936 + 92 - 33 = \underline{\quad}$	997	998	1000	995
144	$290 + 62 - 11 = \underline{\quad}$	342	339	345	341
145	$811 + 91 - 50 = \underline{\quad}$	852	854	846	856
146	$2341 - 375 = \underline{\quad}$	1962	1966	1973	1960
147	$8582 - 218 = \underline{\quad}$	8364	8366	8369	8360
148	$7090 - 477 = \underline{\quad}$	6615	6611	6613	6609
149	$7593 - 696 = \underline{\quad}$	6894	6900	6891	6897
150	$1868 - 585 = \underline{\quad}$	1283	1288	1284	1292