



## Global Mental Math Olympiad 2023

### Addition & Subtraction Sprint Question Bank 2-Answer Key

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

Sr.No	Question Content	Option 1	Option 2	Option 3	Option 4
1	$3 + 8 + 4 = \underline{\quad}$	13	24	5	15
2	$9 + 9 + 5 = \underline{\quad}$	30	28	23	18
3	$4 + 1 + 5 = \underline{\quad}$	10	18	5	2
4	$4 + 3 - 1 = \underline{\quad}$	1	6	13	2
5	$8 + 1 - 1 = \underline{\quad}$	8	6	5	16
6	$5 + 3 - 1 = \underline{\quad}$	11	6	10	7
7	$72 + 7 + 8 = \underline{\quad}$	92	86	87	88
8	$88 + 3 + 8 = \underline{\quad}$	109	105	101	99
9	$17 + 4 + 9 = \underline{\quad}$	32	29	38	30
10	$46 + 3 + 7 = \underline{\quad}$	56	51	46	63
11	$85 + 9 - 9 = \underline{\quad}$	81	85	87	82
12	$51 + 8 - 7 = \underline{\quad}$	62	58	50	52
13	$45 + 3 - 1 = \underline{\quad}$	43	57	46	47
14	$77 + 9 - 7 = \underline{\quad}$	69	85	79	83
15	$31 - 7 + 3 = \underline{\quad}$	34	27	20	19
16	$23 - 5 + 2 = \underline{\quad}$	24	17	20	28
17	$29 - 5 + 2 = \underline{\quad}$	18	16	26	34
18	$95 - 8 + 8 = \underline{\quad}$	102	96	97	95
19	$92 - 8 + 3 = \underline{\quad}$	93	87	85	95
20	$86 + 4 = \underline{\quad}$	90	97	80	83
21	$34 + 9 = \underline{\quad}$	39	42	43	38
22	$35 + 8 = \underline{\quad}$	34	52	39	43
23	$21 + 2 = \underline{\quad}$	30	23	18	28
24	$75 + 7 = \underline{\quad}$	84	82	81	77
25	$88 - 8 = \underline{\quad}$	73	76	88	80
26	$57 - 6 = \underline{\quad}$	47	51	48	52
27	$53 - 2 = \underline{\quad}$	47	54	51	44
28	$60 - 7 = \underline{\quad}$	49	55	53	47
29	$67 - 9 = \underline{\quad}$	67	50	59	58
30	$95 + 84 = \underline{\quad}$	179	189	171	183
31	$53 + 73 = \underline{\quad}$	126	128	125	116



32	$84 + 41 = \underline{\quad}$	131	125	135	126
33	$45 + 85 = \underline{\quad}$	120	135	124	130
34	$35 + 48 = \underline{\quad}$	88	89	81	83
35	$46 + 51 = \underline{\quad}$	89	97	95	99
36	$38 + 35 = \underline{\quad}$	73	74	81	65
37	$57 + 10 = \underline{\quad}$	67	73	68	64
38	$68 + 75 = \underline{\quad}$	143	137	150	136
39	$70 + 22 = \underline{\quad}$	86	92	101	94
40	$87 - 52 = \underline{\quad}$	31	29	35	36
41	$71 - 51 = \underline{\quad}$	23	20	19	13
42	$76 - 13 = \underline{\quad}$	68	71	73	63
43	$90 - 47 = \underline{\quad}$	43	47	50	33
44	$69 - 22 = \underline{\quad}$	47	52	38	56
45	$74 - 15 = \underline{\quad}$	50	59	55	67
46	$54 - 31 = \underline{\quad}$	23	33	22	29
47	$65 - 44 = \underline{\quad}$	24	21	15	27
48	$69 - 66 = \underline{\quad}$	135	1	3	7
49	$71 - 43 = \underline{\quad}$	20	28	38	34
50	$63 + 65 = \underline{\quad}$	136	128	125	124
51	$15 + 57 = \underline{\quad}$	67	72	78	76
52	$41 + 63 = \underline{\quad}$	112	113	104	100
53	$60 + 69 = \underline{\quad}$	129	132	119	126
54	$50 + 26 = \underline{\quad}$	85	76	73	84
55	$42 + 36 - 20 = \underline{\quad}$	58	51	67	53
56	$89 + 38 - 30 = \underline{\quad}$	96	87	100	97
57	$28 + 17 - 10 = \underline{\quad}$	38	35	42	40
58	$99 + 57 - 34 = \underline{\quad}$	122	118	124	125
59	$98 + 55 - 12 = \underline{\quad}$	147	141	142	148
60	$58 + 42 - 38 = \underline{\quad}$	58	54	70	62
61	$69 + 19 - 18 = \underline{\quad}$	78	70	65	79
62	$98 + 91 - 49 = \underline{\quad}$	132	140	138	137



63	$71 + 42 - 38 = \underline{\quad}$	82	85	75	80
64	$45 + 42 - 18 = \underline{\quad}$	68	76	69	65
65	$96 - 84 - 11 = \underline{\quad}$	23	7	3	1
66	$81 - 71 - 10 = \underline{\quad}$	0	8	1	5
67	$22 - 17 - 4 = \underline{\quad}$	1	5	6	4
68	$90 - 48 - 21 = \underline{\quad}$	19	31	21	30
69	$84 - 40 - 30 = \underline{\quad}$	13	11	9	14
70	$66 - 44 - 16 = \underline{\quad}$	12	2	6	9
71	$76 - 73 - 1 = \underline{\quad}$	3	0	2	4
72	$97 - 74 - 10 = \underline{\quad}$	9	4	13	5
73	$92 - 47 - 42 = \underline{\quad}$	12	3	5	4
74	$93 - 52 - 14 = \underline{\quad}$	26	20	28	27
75	$398 + 40 = \underline{\quad}$	428	441	438	439
76	$755 + 42 = \underline{\quad}$	801	791	792	797
77	$646 + 99 = \underline{\quad}$	738	745	749	752
78	$143 + 71 = \underline{\quad}$	224	223	214	207
79	$216 + 85 = \underline{\quad}$	303	307	301	302
80	$242 - 16 = \underline{\quad}$	226	234	229	223
81	$386 - 75 = \underline{\quad}$	311	312	307	301
82	$594 - 29 = \underline{\quad}$	565	575	560	571
83	$100 - 53 = \underline{\quad}$	54	51	39	47
84	$554 - 29 = \underline{\quad}$	517	516	525	523
85	$650 + 99 - 7 = \underline{\quad}$	746	742	732	747
86	$734 + 70 - 1 = \underline{\quad}$	798	803	813	808
87	$596 + 69 - 3 = \underline{\quad}$	666	658	654	662
88	$707 + 65 - 8 = \underline{\quad}$	771	770	754	764
89	$418 + 75 - 2 = \underline{\quad}$	498	491	481	482
90	$457 + 40 - 7 = \underline{\quad}$	484	483	490	495
91	$321 + 87 - 5 = \underline{\quad}$	399	396	403	412
92	$658 + 95 - 2 = \underline{\quad}$	747	751	742	755
93	$933 + 28 - 4 = \underline{\quad}$	966	947	955	957



94	$868 + 96 - 5 = \underline{\quad}$	968	959	952	969
95	$677 - 95 + 2 = \underline{\quad}$	591	578	590	584
96	$703 - 66 + 5 = \underline{\quad}$	636	638	642	651
97	$460 - 13 + 7 = \underline{\quad}$	444	454	459	450
98	$517 - 47 + 9 = \underline{\quad}$	473	481	479	475
99	$284 - 93 + 6 = \underline{\quad}$	193	199	197	194
100	$756 - 69 + 8 = \underline{\quad}$	698	688	695	687
101	$965 - 33 + 9 = \underline{\quad}$	941	950	947	937
102	$229 - 32 + 9 = \underline{\quad}$	203	196	206	202
103	$931 - 39 + 9 = \underline{\quad}$	908	900	895	901
104	$346 - 19 + 8 = \underline{\quad}$	343	335	325	338
105	$589 + 926 = \underline{\quad}$	1515	1522	1506	1513
106	$492 + 302 = \underline{\quad}$	787	788	794	798
107	$936 + 736 = \underline{\quad}$	1671	1667	1666	1672
108	$969 + 135 = \underline{\quad}$	1095	1104	1097	1096
109	$682 + 950 = \underline{\quad}$	1632	1635	1634	1624
110	$779 + 350 + 339 = \underline{\quad}$	1469	1468	1472	1465
111	$220 + 655 + 202 = \underline{\quad}$	1077	1068	1076	1078
112	$462 + 950 + 515 = \underline{\quad}$	1933	1934	1927	1920
113	$995 + 222 + 305 = \underline{\quad}$	1528	1522	1517	1521
114	$812 + 913 + 266 = \underline{\quad}$	1987	1991	1985	1983
115	$492 - 53 + 44 = \underline{\quad}$	484	492	483	478
116	$950 - 48 + 32 = \underline{\quad}$	934	925	939	926
117	$497 - 88 + 10 = \underline{\quad}$	424	419	426	425
118	$218 - 79 + 20 = \underline{\quad}$	159	157	153	149
119	$414 + 84 - 47 = \underline{\quad}$	441	450	446	451
120	$895 + 67 - 63 = \underline{\quad}$	890	899	909	905
121	$957 + 92 - 52 = \underline{\quad}$	999	989	997	1007
122	$515 + 34 - 24 = \underline{\quad}$	535	515	525	529
123	$7425 - 326 = \underline{\quad}$	7107	7099	7100	7106
124	$6353 - 788 = \underline{\quad}$	5567	5558	5565	5555
125	$6072 - 598 = \underline{\quad}$	5478	5482	5480	5474