



Global Mental Math Olympiad 2024

Practice Sheet 2 – Answer Key

Challenger Category (Ages 6-8)

Section 1

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
1	$4 + 6 = \underline{\quad}$	15	17	18	10
2	$3 + 7 = \underline{\quad}$	4	18	10	12
3	$5 + 4 = \underline{\quad}$	4	7	9	13
4	$8 + 2 = \underline{\quad}$	10	8	18	6
5	$4 + 4 = \underline{\quad}$	11	10	8	2
6	$8 + 8 = \underline{\quad}$	14	16	18	23
7	$2 + 8 = \underline{\quad}$	10	2	9	4
8	$5 + 9 = \underline{\quad}$	19	22	10	14
9	$1 + 4 = \underline{\quad}$	14	10	11	5
10	$7 + 2 = \underline{\quad}$	2	7	14	9
11	$70 + 7 = \underline{\quad}$	77	82	74	76
12	$90 + 6 = \underline{\quad}$	96	93	103	92
13	$80 + 1 = \underline{\quad}$	85	83	82	81
14	$10 + 6 = \underline{\quad}$	18	16	20	22
15	$80 + 6 = \underline{\quad}$	86	79	83	91
16	$70 + 1 = \underline{\quad}$	65	71	73	74
17	$60 + 9 = \underline{\quad}$	64	60	69	72
18	$40 + 1 = \underline{\quad}$	43	37	41	36
19	$40 + 5 = \underline{\quad}$	45	47	54	43
20	$30 + 3 = \underline{\quad}$	33	28	38	34
21	$30 + 10 = \underline{\quad}$	37	34	42	40
22	$5 + 30 = \underline{\quad}$	26	36	28	35
23	$20 + 10 = \underline{\quad}$	30	29	27	31
24	$20 + 5 = \underline{\quad}$	34	19	25	23
25	$30 + 25 = \underline{\quad}$	55	64	59	47
26	$15 + 45 = \underline{\quad}$	54	60	58	65
27	$10 + 30 = \underline{\quad}$	38	44	40	33
28	$15 + 15 = \underline{\quad}$	28	32	24	30
29	$35 + 30 = \underline{\quad}$	71	69	57	65
30	$20 + 15 = \underline{\quad}$	32	34	35	37



31	$30 + 5 = \underline{\quad}$	27	42	35	31
32	$35 + 5 = \underline{\quad}$	42	40	47	38
33	$10 + 5 = \underline{\quad}$	13	16	9	15
34	$25 + 5 = \underline{\quad}$	32	31	38	30
35	$5 + 5 = \underline{\quad}$	6	10	3	11

Section 2

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
36	$6 - 6 = \underline{\quad}$	0	2	1	5
37	$3 - 3 = \underline{\quad}$	3	1	5	0
38	$9 - 7 = \underline{\quad}$	10	6	2	1
39	$8 - 2 = \underline{\quad}$	6	2	8	15
40	$3 - 1 = \underline{\quad}$	9	2	3	8
41	$9 - 6 = \underline{\quad}$	3	4	10	1
42	$4 - 3 = \underline{\quad}$	8	3	7	1
43	$5 - 2 = \underline{\quad}$	11	9	3	4
44	$8 - 3 = \underline{\quad}$	7	14	5	11
45	$45 - 15 = \underline{\quad}$	30	36	22	28
46	$45 - 20 = \underline{\quad}$	33	28	24	25
47	$35 - 20 = \underline{\quad}$	11	9	15	23
48	$10 - 5 = \underline{\quad}$	13	9	1	5
49	$40 - 35 = \underline{\quad}$	13	5	4	3
50	$20 - 10 = \underline{\quad}$	7	11	10	17
51	$30 - 20 = \underline{\quad}$	4	8	5	10
52	$83 - 4 = \underline{\quad}$	79	71	84	81
53	$84 - 8 = \underline{\quad}$	72	85	82	76
54	$75 - 6 = \underline{\quad}$	73	64	77	69
55	$61 - 2 = \underline{\quad}$	66	52	59	68
56	$41 - 3 = \underline{\quad}$	41	46	33	38
57	$83 - 3 = \underline{\quad}$	71	80	77	87
58	$96 - 7 = \underline{\quad}$	83	81	89	95
59	$71 - 7 = \underline{\quad}$	64	65	62	72
60	$11 - 7 = \underline{\quad}$	4	7	1	8
61	$97 - 8 = \underline{\quad}$	94	89	91	92
62	$25 - 5 = \underline{\quad}$	27	12	26	20
63	$15 - 5 = \underline{\quad}$	5	10	12	6



64	$45 - 5 = \underline{\quad}$	40	42	31	35
65	$5 - 5 = \underline{\quad}$	2	0	1	8
66	$35 - 5 = \underline{\quad}$	30	28	26	39
67	$40 - 5 = \underline{\quad}$	33	26	35	37
68	$20 - 5 = \underline{\quad}$	15	17	10	16
69	$30 - 5 = \underline{\quad}$	25	29	31	19

Section 3

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
70	$2 \times 8 = \underline{\quad}$	11	23	16	24
71	$8 \times 5 = \underline{\quad}$	37	40	33	46
72	$6 \times 5 = \underline{\quad}$	23	39	30	31
73	$9 \times 8 = \underline{\quad}$	81	72	79	67
74	$5 \times 9 = \underline{\quad}$	47	45	42	40
75	$8 \times 8 = \underline{\quad}$	73	62	72	64
76	$8 \times 7 = \underline{\quad}$	63	56	62	60
77	$2 \times 4 = \underline{\quad}$	14	10	8	15
78	$3 \times 9 = \underline{\quad}$	19	27	31	26
79	$7 \times 5 = \underline{\quad}$	40	34	37	35
80	$6 \times 10 = \underline{\quad}$	60	70	50	69
81	$2 \times 10 = \underline{\quad}$	30	45	25	20
82	$8 \times 10 = \underline{\quad}$	70	85	80	55
83	$5 \times 10 = \underline{\quad}$	50	15	55	25

Section 4

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
84	$9^2 = \underline{\quad}$	9	$9 \times 9 \times 9$	9×9	$9 \times 9 \times 9 \times 9$
85	$2^3 = \underline{\quad}$	$2 \times 2 \times 2 \times 2 \times 2$	2	$2 \times 2 \times 2$	$2 \times 2 \times 2 \times 2$
86	$5^3 = \underline{\quad}$	$5 \times 5 \times 5 \times 5 \times 5$	$5 \times 5 \times 5 \times 5$	5	$5 \times 5 \times 5$
87	$2^4 = \underline{\quad}$	$2 \times 2 \times 2 \times 2 \times 2 \times 2$	$2 \times 2 \times 2 \times 2$	2×2	2
88	$7^3 = \underline{\quad}$	$7 \times 7 \times 7 \times 7 \times 7$	7	$7 \times 7 \times 7 \times 7 \times 7 \times 7$	$7 \times 7 \times 7$
89	$8^3 = \underline{\quad}$	$8 \times 8 \times 8$	$8 \times 8 \times 8 \times 8$	8	$8 \times 8 \times 8 \times 8 \times 8 \times 8 \times 8$
90	$4^3 = \underline{\quad}$	4×4	$4 \times 4 \times 4 \times 4$	$4 \times 4 \times 4$	4
91	$2^2 = \underline{\quad}$	$2 \times 2 \times 2 \times 2$	2	$2 \times 2 \times 2$	2×2



Section 5

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
92	$4 + _ = 13$	9	14	5	8
93	$6 + _ = 7$	5	3	1	2
94	$3 + _ = 12$	15	4	9	11
95	$2 + _ = 9$	4	15	7	1
96	$8 + _ = 10$	5	9	2	1
97	$9 + _ = 11$	6	7	9	2
98	$4 + _ = 6$	9	2	10	4
99	$8 + _ = 17$	9	15	10	14
100	$5 + _ = 6$	7	5	4	1
101	$6 + _ = 13$	3	7	9	11
102	$46 - _ = 45$	4	7	1	8
103	$74 - _ = 70$	13	12	4	10
104	$93 - _ = 86$	7	4	5	9
105	$58 - _ = 56$	2	4	11	6
106	$95 - _ = 93$	9	8	2	5
107	$39 - _ = 38$	6	1	8	10
108	$89 - _ = 84$	7	5	11	2
109	$92 - _ = 90$	4	9	7	2
110	$51 - _ = 48$	8	6	3	4
111	$89 - _ = 82$	2	7	6	15
112	$15 - _ = 10$	3	5	1	2
113	$10 - _ = 5$	6	2	5	12
114	$30 - _ = 25$	12	5	9	13
115	$20 - _ = 15$	5	8	4	6
116	$25 - _ = 20$	3	9	5	10
117	$40 - _ = 35$	5	14	2	7
118	$65 + _ = 71$	6	1	14	8
119	$77 + _ = 80$	6	11	3	8
120	$33 + _ = 37$	6	4	7	2
121	$96 + _ = 100$	4	3	12	7
122	$87 + _ = 90$	9	8	3	11
123	$23 + _ = 28$	5	2	14	10
124	$27 + _ = 34$	7	12	13	11
125	$45 + _ = 49$	2	4	10	5
126	$91 + _ = 100$	15	14	17	9



127	$70 + _ = 71$	6	7	1	8
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Section 6

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
128	$564 \times 12 \times 0 = _$	2	1	0	3
129	$331 \times _ \times 46 = 0$	2	0	3	4
130	$8 \times 0 = _$	5	3	2	0
131	$4 \times 0 = _$	8	1	0	4
132	$7 \times 0 = _$	9	8	0	6
133	$9 \times 0 = _$	6	4	0	7
134	$2 \times 0 = _$	3	7	0	9
135	$3 \times 0 = _$	4	3	2	0
136	$5 \times 0 = _$	9	2	7	0
137	$1 \times 0 \times 9 = _$	6	0	7	2
138	$2 \times 0 \times 2 = _$	1	4	2	0

Section 7

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
139	$17 _ 1 = 18$	+	X	/	-
140	$84 _ 6 = 90$	-	X	+	/
141	$75 _ 7 = 82$	X	-	/	+
142	$14 _ 2 = 16$	-	+	/	X
143	$24 _ 1 = 25$	-	/	X	+
144	$43 _ 5 = 48$	X	-	+	/
145	$37 _ 5 = 42$	+	X	/	-
146	$24 _ 8 = 32$	X	/	+	-
147	$10 _ 8 = 18$	X	+	/	-
148	$28 _ 5 = 33$	/	+	X	-
149	$19 _ 7 = 12$	-	/	+	X
150	$43 _ 3 = 40$	-	/	X	+
151	$58 _ 6 = 52$	+	/	-	X
152	$40 _ 7 = 33$	/	-	+	X
153	$66 _ 6 = 60$	X	+	-	/
154	$50 _ 3 = 47$	+	-	/	X
155	$59 _ 6 = 53$	-	X	/	+



156	$69 - 2 = 67$	X	-	+	/
157	$55 - 2 = 53$	+	/	-	X
158	$82 - 6 = 76$	X	+	-	/

Section 8

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
159	Double of 7 = __	22	6	14	16
160	Double of 9 = __	25	17	20	18
161	Double of 6 = __	12	13	3	6
162	Double of 2 = __	4	3	8	0
163	Double of 3 = __	4	6	13	8
164	Double of 10 = __	19	20	27	18
165	Double of 45 = __	88	92	90	97
166	Double of 20 = __	44	35	40	43
167	Double of 30 = __	69	61	60	68
168	Double of 40 = __	87	72	82	80
169	Double of 25 = __	58	53	57	50
170	Double of 5 = __	18	17	10	16

Section 9

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
171	Triple of 9 = __	35	25	27	26
172	Triple of 1 = __	8	2	3	1
173	Triple of 5 = __	7	15	22	9
174	Triple of 8 = __	32	24	31	27
175	Triple of 7 = __	21	26	17	22
176	Triple of 3 = __	6	10	9	11

Section 10

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
177	Half of 30 = __	18	21	15	16
178	Half of 20 = __	2	12	14	10
179	Half of 50 = __	22	25	26	28



180	Half of 40 = __	24	20	21	14
181	Half of 70 = __	36	37	35	26

Section 11

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
182	$7 + 2 + 3 = \underline{\quad}$	10	7	12	11
183	$6 + 5 + 7 = \underline{\quad}$	22	9	15	18
184	$8 + 3 + 4 = \underline{\quad}$	15	21	13	14
185	$4 + 7 + 3 = \underline{\quad}$	11	12	6	14
186	$5 + 3 + 4 = \underline{\quad}$	21	20	11	12
187	$2 + 5 + 5 = \underline{\quad}$	12	21	4	11
188	$9 + 5 + 7 = \underline{\quad}$	12	21	19	15
189	$4 + 9 + 4 = \underline{\quad}$	17	19	18	12
190	$4 + 2 + 3 = \underline{\quad}$	18	9	7	10
191	$8 + 5 + 5 = \underline{\quad}$	22	21	12	18
192	$3 + 1 - 1 = \underline{\quad}$	11	3	8	10
193	$8 + 7 - 3 = \underline{\quad}$	12	19	13	14
194	$6 + 5 - 4 = \underline{\quad}$	6	3	16	7
195	$4 + 3 - 1 = \underline{\quad}$	8	14	11	6
196	$5 + 2 - 1 = \underline{\quad}$	6	8	11	5
197	$8 + 3 - 2 = \underline{\quad}$	15	9	4	5
198	$3 + 2 - 1 = \underline{\quad}$	6	1	9	4
199	$6 + 3 - 2 = \underline{\quad}$	5	7	10	14
200	$9 + 5 - 3 = \underline{\quad}$	11	17	4	9
201	$9 + 7 - 2 = \underline{\quad}$	14	8	12	7
202	$62 + 4 + 3 = \underline{\quad}$	65	70	69	64
203	$85 + 1 + 7 = \underline{\quad}$	85	93	96	95
204	$76 + 9 + 7 = \underline{\quad}$	83	97	92	96
205	$32 + 4 = \underline{\quad}$	39	27	36	28
206	$38 + 3 = \underline{\quad}$	46	49	42	41
207	$10 + 4 = \underline{\quad}$	7	22	14	19
208	$46 + 8 = \underline{\quad}$	54	56	52	51
209	$45 + 1 = \underline{\quad}$	45	54	46	44
210	$48 + 4 = \underline{\quad}$	46	61	52	43
211	$17 + 9 = \underline{\quad}$	26	29	25	19
212	$35 + 1 = \underline{\quad}$	36	43	33	29



213	$88 + 7 = \underline{\quad}$	90	95	99	101
214	$36 + 7 = \underline{\quad}$	39	42	45	43

Section 12

Sr no	Question Content	Option 1	Option 2	Option 3	Option 4
215	$8 \times 8 \times 8 = \underline{\quad}$	8^2	8^4	8^3	8^7
216	$2 \times 2 \times 2 = \underline{\quad}$	2^7	2^2	2^5	2^3
217	$4 \times 4 \times 4 \times 4 = \underline{\quad}$	4^2	4^4	4^3	4^6
218	$5 \times 5 \times 5 \times 5 = \underline{\quad}$	5^7	5^6	5^9	5^4
219	$9 \times 9 \times 9 \times 9 = \underline{\quad}$	9^4	9^1	9^2	9^7
220	$4 \times 4 = \underline{\quad}$	4^7	4^8	4^2	4^1
221	$3 \times 3 \times 3 = \underline{\quad}$	3^1	3^7	3^2	3^3
222	$3 \times 3 = \underline{\quad}$	3^3	3^7	3^4	3^2
223	$56 \times 56 \times 56 \times 56 = \underline{\quad}$	56^6	56^4	56^1	56^7
224	$58 \times 58 \times 58 \times 58 = \underline{\quad}$	58^5	58^8	58^4	58^2
225	$92 \times 92 \times 92 \times 92 = \underline{\quad}$	92^3	92^9	92^4	92^7
226	$55 \times 55 = \underline{\quad}$	55^7	55^6	55^2	55^4
227	$39 \times 39 \times 39 \times 39 = \underline{\quad}$	39^3	39^4	39^2	39^7
228	$73 \times 73 = \underline{\quad}$	73^2	73^7	73^9	73^8
229	$59 \times 59 \times 59 \times 59 = \underline{\quad}$	59^8	59^4	59^2	59^6
230	$69 \times 69 = \underline{\quad}$	69^2	69^9	69^7	69^8
231	$33 \times 33 = \underline{\quad}$	33^2	33^1	33^4	33^9
232	$29 \times 29 \times 29 = \underline{\quad}$	29^2	29^3	29^5	29^1