



## **Global Mental Math Olympiad 2024**

### **Addition & Subtraction Sprint Question Bank 4-Answer Key**

#### **Master Category (Ages 9-11)**

| Sr no | Question Content                 | Option 1 | Option 2 | Option 3 | Option 4 |
|-------|----------------------------------|----------|----------|----------|----------|
| 1     | $87 - 6 = 93$                    | -        | +        | X        | /        |
| 2     | $66 - 4 + 2 = \underline{\quad}$ | 64       | 61       | 66       | 62       |
| 3     | $96 - 4 = \underline{\quad}$     | 84       | 90       | 91       | 92       |
| 4     | $6 + 6 - 4 = \underline{\quad}$  | 2        | 4        | 14       | 8        |
| 5     | $6 + 2 + 3 = \underline{\quad}$  | 11       | 12       | 15       | 4        |
| 6     | $8 + 2 + 5 = \underline{\quad}$  | 7        | 15       | 14       | 16       |
| 7     | $94 - 9 + 6 = \underline{\quad}$ | 91       | 96       | 90       | 95       |
| 8     | $7 + 2 - 1 = \underline{\quad}$  | 8        | 11       | 1        | 7        |
| 9     | $65 + 49 = \underline{\quad}$    | 119      | 110      | 114      | 118      |
| 10    | $8 + 6 + 1 = \underline{\quad}$  | 15       | 12       | 17       | 19       |
| 11    | $35 - \underline{\quad} = 30$    | 4        | 14       | 5        | 13       |
| 12    | $11 + 9 - 6 = \underline{\quad}$ | 14       | 12       | 10       | 5        |
| 13    | $84 - \underline{\quad} = 77$    | 13       | 15       | 7        | 10       |
| 14    | $27 + 26 = \underline{\quad}$    | 53       | 54       | 51       | 60       |
| 15    | $86 + 7 - 3 = \underline{\quad}$ | 90       | 91       | 92       | 89       |
| 16    | $67 - 31 = \underline{\quad}$    | 30       | 36       | 34       | 29       |
| 17    | $25 + \underline{\quad} = 30$    | 7        | 9        | 5        | 1        |
| 18    | $9 + 6 - 5 = \underline{\quad}$  | 4        | 7        | 11       | 10       |
| 19    | $8 + 5 - 3 = \underline{\quad}$  | 15       | 1        | 9        | 10       |
| 20    | $63 - 6 + 3 = \underline{\quad}$ | 60       | 68       | 51       | 64       |
| 21    | $53 + 4 = \underline{\quad}$     | 56       | 64       | 49       | 57       |
| 22    | $45 - 7 + 4 = \underline{\quad}$ | 34       | 42       | 40       | 46       |
| 23    | $28 + 2 = \underline{\quad}$     | 34       | 30       | 37       | 26       |
| 24    | $85 + 9 = \underline{\quad}$     | 95       | 90       | 99       | 94       |
| 25    | $82 + 3 + 5 = \underline{\quad}$ | 91       | 92       | 90       | 89       |
| 26    | $2 + 8 + 7 = \underline{\quad}$  | 17       | 19       | 24       | 15       |
| 27    | $10 + 5 - 3 = \underline{\quad}$ | 12       | 14       | 21       | 16       |
| 28    | $65 - 7 + 2 = \underline{\quad}$ | 66       | 60       | 61       | 52       |
| 29    | $86 + 5 = \underline{\quad}$     | 90       | 95       | 86       | 91       |
| 30    | $64 - 5 = \underline{\quad}$     | 64       | 56       | 58       | 59       |



|    |                                  |     |     |     |     |
|----|----------------------------------|-----|-----|-----|-----|
| 31 | $20 + 9 - 2 = \underline{\quad}$ | 34  | 30  | 27  | 29  |
| 32 | $70 + 8 + 4 = \underline{\quad}$ | 83  | 85  | 88  | 82  |
| 33 | $7 + 4 - 2 = \underline{\quad}$  | 7   | 9   | 16  | 4   |
| 34 | $95 \underline{\quad} 4 = 91$    | +   | X   | -   | /   |
| 35 | $85 - 68 = \underline{\quad}$    | 17  | 14  | 21  | 19  |
| 36 | $46 - 9 = \underline{\quad}$     | 42  | 44  | 35  | 37  |
| 37 | $3 + 7 + 7 = \underline{\quad}$  | 12  | 17  | 9   | 26  |
| 38 | $32 \underline{\quad} 6 = 26$    | +   | X   | -   | /   |
| 39 | $6 + 2 - 2 = \underline{\quad}$  | 4   | 6   | 11  | 10  |
| 40 | $6 + 9 + 6 = \underline{\quad}$  | 21  | 30  | 22  | 16  |
| 41 | $80 - 44 = \underline{\quad}$    | 43  | 36  | 33  | 34  |
| 42 | $9 + 6 - 4 = \underline{\quad}$  | 13  | 11  | 12  | 17  |
| 43 | $6 + 5 + 6 = \underline{\quad}$  | 21  | 17  | 19  | 26  |
| 44 | $47 - 7 + 2 = \underline{\quad}$ | 42  | 39  | 48  | 33  |
| 45 | $45 + 2 + 4 = \underline{\quad}$ | 58  | 47  | 51  | 50  |
| 46 | $22 - 2 = \underline{\quad}$     | 26  | 21  | 23  | 20  |
| 47 | $78 + 9 = \underline{\quad}$     | 78  | 81  | 86  | 87  |
| 48 | $30 + 7 - 5 = \underline{\quad}$ | 32  | 40  | 24  | 30  |
| 49 | $91 \underline{\quad} 9 = 82$    | +   | X   | -   | /   |
| 50 | $7 + 6 - 4 = \underline{\quad}$  | 10  | 5   | 15  | 9   |
| 51 | $55 + 1 + 9 = \underline{\quad}$ | 63  | 66  | 69  | 65  |
| 52 | $87 + 97 = \underline{\quad}$    | 179 | 175 | 184 | 193 |
| 53 | $92 - 2 = \underline{\quad}$     | 86  | 95  | 90  | 87  |
| 54 | $21 - 5 + 1 = \underline{\quad}$ | 8   | 17  | 23  | 11  |
| 55 | $25 - \underline{\quad} = 20$    | 7   | 3   | 5   | 13  |
| 56 | $11 + 7 + 1 = \underline{\quad}$ | 17  | 20  | 27  | 19  |
| 57 | $35 + 5 = \underline{\quad}$     | 40  | 32  | 36  | 46  |
| 58 | $36 + 6 + 1 = \underline{\quad}$ | 48  | 46  | 43  | 49  |
| 59 | $56 + 9 - 7 = \underline{\quad}$ | 54  | 50  | 58  | 61  |
| 60 | $6 + 3 + 9 = \underline{\quad}$  | 18  | 27  | 22  | 14  |
| 61 | $6 + 5 - 2 = \underline{\quad}$  | 12  | 10  | 15  | 9   |
| 62 | $99 + 5 = \underline{\quad}$     | 100 | 97  | 113 | 104 |
| 63 | $49 + 36 = \underline{\quad}$    | 88  | 83  | 85  | 94  |
| 64 | $35 + \underline{\quad} = 40$    | 3   | 11  | 4   | 5   |
| 65 | $70 + 1 = \underline{\quad}$     | 71  | 62  | 65  | 70  |
| 66 | $9 + 5 - 2 = \underline{\quad}$  | 13  | 4   | 3   | 12  |



|     |                                  |     |     |     |     |
|-----|----------------------------------|-----|-----|-----|-----|
| 67  | $56 + 7 - 1 = \underline{\quad}$ | 62  | 64  | 56  | 60  |
| 68  | $8 + 9 + 9 = \underline{\quad}$  | 33  | 26  | 24  | 18  |
| 69  | $67 + 1 + 7 = \underline{\quad}$ | 67  | 84  | 75  | 73  |
| 70  | $70 - 15 = \underline{\quad}$    | 60  | 55  | 62  | 49  |
| 71  | $26 + 5 + 5 = \underline{\quad}$ | 39  | 31  | 36  | 27  |
| 72  | $15 + 1 = \underline{\quad}$     | 23  | 16  | 10  | 17  |
| 73  | $31 - 8 + 3 = \underline{\quad}$ | 24  | 26  | 19  | 22  |
| 74  | $47 + 3 = \underline{\quad}$     | 51  | 59  | 52  | 50  |
| 75  | $97 \_ 2 = 95$                   | +   | X   | -   | /   |
| 76  | $5 + 5 = \underline{\quad}$      | 4   | 2   | 10  | 15  |
| 77  | $30 - \underline{\quad} = 25$    | 13  | 12  | 5   | 7   |
| 78  | $80 - 7 + 2 = \underline{\quad}$ | 75  | 82  | 76  | 83  |
| 79  | $63 + 1 = \underline{\quad}$     | 71  | 66  | 60  | 64  |
| 80  | $91 + 74 = \underline{\quad}$    | 165 | 171 | 166 | 167 |
| 81  | $61 + 5 - 3 = \underline{\quad}$ | 61  | 70  | 63  | 57  |
| 82  | $43 + 6 + 6 = \underline{\quad}$ | 57  | 60  | 49  | 55  |
| 83  | $10 - \underline{\quad} = 5$     | 1   | 7   | 5   | 11  |
| 84  | $46 - 6 = \underline{\quad}$     | 41  | 35  | 37  | 40  |
| 85  | $4 + 3 - 1 = \underline{\quad}$  | 6   | 14  | 10  | 2   |
| 86  | $69 \_ 8 = 77$                   | -   | +   | X   | /   |
| 87  | $50 \_ 8 = 58$                   | -   | +   | X   | /   |
| 88  | $3 + 4 + 6 = \underline{\quad}$  | 13  | 10  | 5   | 4   |
| 89  | $15 \_ 7 = 22$                   | -   | +   | X   | /   |
| 90  | $67 + 4 + 8 = \underline{\quad}$ | 74  | 84  | 86  | 79  |
| 91  | $87 - 6 = \underline{\quad}$     | 72  | 81  | 77  | 83  |
| 92  | $20 + \underline{\quad} = 25$    | 12  | 3   | 5   | 8   |
| 93  | $1 + 7 + 8 = \underline{\quad}$  | 16  | 7   | 20  | 13  |
| 94  | $6 + 6 + 6 = \underline{\quad}$  | 18  | 27  | 25  | 17  |
| 95  | $17 + 38 = \underline{\quad}$    | 46  | 49  | 55  | 64  |
| 96  | $45 + 4 = \underline{\quad}$     | 43  | 55  | 47  | 49  |
| 97  | $43 + 9 = \underline{\quad}$     | 46  | 47  | 48  | 52  |
| 98  | $48 - 2 = \underline{\quad}$     | 55  | 46  | 44  | 39  |
| 99  | $7 + 5 - 4 = \underline{\quad}$  | 2   | 8   | 16  | 4   |
| 100 | $3 + 9 + 4 = \underline{\quad}$  | 22  | 16  | 9   | 15  |



|     |                                  |     |     |     |     |
|-----|----------------------------------|-----|-----|-----|-----|
| 101 | $30 - 2 = \underline{\quad}$     | 34  | 19  | 28  | 26  |
| 102 | $44 - 1 = \underline{\quad}$     | 41  | 45  | 43  | 46  |
| 103 | $65 + 72 = \underline{\quad}$    | 137 | 134 | 138 | 143 |
| 104 | $75 + 6 + 2 = \underline{\quad}$ | 82  | 90  | 80  | 83  |
| 105 | $56 + 9 - 3 = \underline{\quad}$ | 70  | 61  | 62  | 60  |
| 106 | $12 + 6 = \underline{\quad}$     | 27  | 18  | 9   | 16  |
| 107 | $75 - 9 + 3 = \underline{\quad}$ | 70  | 69  | 74  | 64  |
| 108 | $65 - \underline{\quad} = 61$    | 2   | 8   | 4   | 9   |
| 109 | $20 + 5 = \underline{\quad}$     | 20  | 27  | 25  | 23  |
| 110 | $96 + 24 = \underline{\quad}$    | 120 | 119 | 123 | 126 |
| 111 | $31 + 9 = \underline{\quad}$     | 34  | 42  | 38  | 40  |
| 112 | $7 + 2 - 1 = \underline{\quad}$  | 9   | 16  | 17  | 8   |
| 113 | $83 - 5 = \underline{\quad}$     | 77  | 78  | 83  | 71  |
| 114 | $90 + 3 = \underline{\quad}$     | 93  | 95  | 85  | 91  |
| 115 | $66 + 9 - 9 = \underline{\quad}$ | 68  | 57  | 66  | 65  |
| 116 | $51 - 23 = \underline{\quad}$    | 28  | 30  | 21  | 26  |
| 117 | $85 + 7 + 2 = \underline{\quad}$ | 97  | 93  | 86  | 94  |
| 118 | $98 - 46 = \underline{\quad}$    | 56  | 44  | 50  | 52  |
| 119 | $84 - 2 + 1 = \underline{\quad}$ | 91  | 83  | 85  | 81  |
| 120 | $57 - 9 + 4 = \underline{\quad}$ | 49  | 52  | 57  | 47  |
| 121 | $58 + 4 = \underline{\quad}$     | 54  | 63  | 71  | 62  |
| 122 | $6 + 7 + 2 = \underline{\quad}$  | 15  | 9   | 8   | 24  |
| 123 | $69 - 9 = \underline{\quad}$     | 57  | 65  | 60  | 62  |
| 124 | $39 + 9 - 1 = \underline{\quad}$ | 47  | 45  | 49  | 48  |
| 125 | $10 + 4 = \underline{\quad}$     | 14  | 22  | 10  | 23  |
| 126 | $72 - 5 = \underline{\quad}$     | 64  | 67  | 62  | 69  |
| 127 | $68 + 2 = \underline{\quad}$     | 79  | 70  | 71  | 77  |
| 128 | $33 + 5 + 9 = \underline{\quad}$ | 54  | 52  | 47  | 43  |
| 129 | $69 \underline{\quad} 7 = 76$    | -   | +   | X   | /   |
| 130 | $8 + 3 - 2 = \underline{\quad}$  | 9   | 3   | 18  | 7   |



|     |                                  |     |     |     |     |
|-----|----------------------------------|-----|-----|-----|-----|
| 131 | $24 + 54 = \underline{\quad}$    | 78  | 77  | 73  | 86  |
| 132 | $2 + 1 + 1 = \underline{\quad}$  | 4   | 6   | 3   | 11  |
| 133 | $57 - 34 = \underline{\quad}$    | 21  | 23  | 32  | 19  |
| 134 | $78 + 69 = \underline{\quad}$    | 139 | 148 | 147 | 144 |
| 135 | $73 + 6 + 9 = \underline{\quad}$ | 86  | 87  | 95  | 88  |
| 136 | $64 + 3 + 6 = \underline{\quad}$ | 71  | 75  | 73  | 67  |
| 137 | $8 + 7 - 4 = \underline{\quad}$  | 9   | 11  | 12  | 3   |
| 138 | $42 + 4 = \underline{\quad}$     | 47  | 49  | 45  | 46  |
| 139 | $16 - \underline{\quad} = 15$    | 8   | 5   | 1   | 10  |
| 140 | $93 \underline{\quad} 9 = 102$   | -   | +   | X   | /   |
| 141 | $24 + 7 = \underline{\quad}$     | 33  | 31  | 24  | 26  |
| 142 | $80 + 3 = \underline{\quad}$     | 83  | 85  | 79  | 84  |
| 143 | $37 + 3 = \underline{\quad}$     | 45  | 33  | 42  | 40  |
| 144 | $72 \underline{\quad} 1 = 71$    | +   | X   | -   | /   |
| 145 | $42 - 10 = \underline{\quad}$    | 34  | 39  | 23  | 32  |
| 146 | $88 - 1 = \underline{\quad}$     | 85  | 81  | 87  | 80  |
| 147 | $44 \underline{\quad} 8 = 36$    | +   | X   | -   | /   |
| 148 | $72 - \underline{\quad} = 71$    | 3   | 9   | 1   | 2   |
| 149 | $37 - 34 = \underline{\quad}$    | 6   | 9   | 8   | 3   |
| 150 | $15 + 8 - 3 = \underline{\quad}$ | 20  | 14  | 17  | 22  |