



Global Mental Math Olympiad 2024

Multiplication Sprint Question Bank 3-Answer Key

Grandmaster Category (Ages 12 & above)

| Sr no | Question Content | Option 1 | Option 2 | Option 3 | Option 4 |
|--------------|--|-----------------|-----------------|-----------------|-----------------|
| 1 | $98 \times 10 = \underline{\hspace{1cm}}$ | 982 | 976 | 972 | 980 |
| 2 | $67 \times 10 = \underline{\hspace{1cm}}$ | 673 | 666 | 668 | 670 |
| 3 | $48 \times 10 = \underline{\hspace{1cm}}$ | 478 | 481 | 475 | 480 |
| 4 | $96 \times 10 = \underline{\hspace{1cm}}$ | 955 | 961 | 960 | 953 |
| 5 | $34 \times 10 = \underline{\hspace{1cm}}$ | 349 | 334 | 340 | 345 |
| 6 | $14 \times 10 = \underline{\hspace{1cm}}$ | 135 | 140 | 149 | 147 |
| 7 | $72 \times 10 = \underline{\hspace{1cm}}$ | 720 | 729 | 726 | 718 |
| 8 | $39 \times 10 = \underline{\hspace{1cm}}$ | 390 | 393 | 392 | 383 |
| 9 | $92 \times 10 = \underline{\hspace{1cm}}$ | 923 | 928 | 922 | 920 |
| 10 | $52 \times 10 = \underline{\hspace{1cm}}$ | 512 | 520 | 521 | 522 |
| 11 | $74 \times 100 = \underline{\hspace{1cm}}$ | 7400 | 7391 | 7405 | 7402 |
| 12 | $22 \times 100 = \underline{\hspace{1cm}}$ | 2199 | 2203 | 2200 | 2209 |
| 13 | $85 \times 100 = \underline{\hspace{1cm}}$ | 8499 | 8506 | 8500 | 8494 |
| 14 | $70 \times 100 = \underline{\hspace{1cm}}$ | 7004 | 6992 | 6991 | 7000 |
| 15 | $77 \times 100 = \underline{\hspace{1cm}}$ | 7708 | 7695 | 7700 | 7698 |
| 16 | $88 \times 100 = \underline{\hspace{1cm}}$ | 8800 | 8802 | 8799 | 8795 |
| 17 | $81 \times 100 = \underline{\hspace{1cm}}$ | 8098 | 8105 | 8100 | 8094 |
| 18 | $59 \times 100 = \underline{\hspace{1cm}}$ | 5900 | 5902 | 5896 | 5891 |
| 19 | $94 \times 100 = \underline{\hspace{1cm}}$ | 9392 | 9399 | 9395 | 9400 |
| 20 | $19 \times 100 = \underline{\hspace{1cm}}$ | 1897 | 1900 | 1907 | 1902 |
| 21 | $20 \times 6 = \underline{\hspace{1cm}}$ | 113 | 120 | 115 | 117 |
| 22 | $45 \times 2 = \underline{\hspace{1cm}}$ | 90 | 94 | 96 | 88 |
| 23 | $25 \times 8 = \underline{\hspace{1cm}}$ | 200 | 204 | 198 | 209 |
| 24 | $10 \times 6 = \underline{\hspace{1cm}}$ | 57 | 62 | 60 | 58 |
| 25 | $40 \times 3 = \underline{\hspace{1cm}}$ | 127 | 120 | 124 | 118 |
| 26 | $45 \times 9 = \underline{\hspace{1cm}}$ | 413 | 408 | 405 | 403 |
| 27 | $25 \times 3 = \underline{\hspace{1cm}}$ | 75 | 79 | 69 | 83 |
| 28 | $40 \times 8 = \underline{\hspace{1cm}}$ | 319 | 324 | 328 | 320 |
| 29 | $30 \times 5 = \underline{\hspace{1cm}}$ | 149 | 145 | 141 | 150 |
| 30 | $15 \times 5 = \underline{\hspace{1cm}}$ | 72 | 75 | 69 | 84 |



| | | | | | |
|----|---------------------------------------|------|------|------|------|
| 31 | $57 \times 8 = \underline{\quad}$ | 453 | 456 | 462 | 458 |
| 32 | $70 \times 4 = \underline{\quad}$ | 284 | 280 | 283 | 287 |
| 33 | $67 \times 4 = \underline{\quad}$ | 275 | 268 | 271 | 260 |
| 34 | $86 \times 2 = \underline{\quad}$ | 172 | 164 | 176 | 163 |
| 35 | $14 \times 5 = \underline{\quad}$ | 68 | 64 | 70 | 76 |
| 36 | $68 \times 5 = \underline{\quad}$ | 342 | 340 | 339 | 333 |
| 37 | $66 \times 6 = \underline{\quad}$ | 396 | 399 | 394 | 392 |
| 38 | $55 \times 4 = \underline{\quad}$ | 211 | 220 | 222 | 228 |
| 39 | $44 \times 4 = \underline{\quad}$ | 179 | 174 | 167 | 176 |
| 40 | $22 \times 6 = \underline{\quad}$ | 123 | 140 | 132 | 126 |
| 41 | $58 \times \underline{\quad} = 116$ | 8 | 7 | 4 | 2 |
| 42 | $82 \times \underline{\quad} = 656$ | 8 | 10 | 4 | 1 |
| 43 | $45 \times \underline{\quad} = 90$ | 2 | 9 | 10 | 5 |
| 44 | $37 \times \underline{\quad} = 333$ | 2 | 9 | 7 | 5 |
| 45 | $17 \times \underline{\quad} = 85$ | 5 | 3 | 12 | 10 |
| 46 | $11 \times \underline{\quad} = 44$ | 4 | 2 | 12 | 6 |
| 47 | $13 \times \underline{\quad} = 104$ | 12 | 6 | 14 | 8 |
| 48 | $41 \times \underline{\quad} = 123$ | 8 | 10 | 5 | 3 |
| 49 | $29 \times \underline{\quad} = 87$ | 1 | 11 | 8 | 3 |
| 50 | $90 \times \underline{\quad} = 630$ | 11 | 2 | 7 | 13 |
| 51 | $279 \times 5 = \underline{\quad}$ | 1390 | 1395 | 1391 | 1398 |
| 52 | $937 \times 6 = \underline{\quad}$ | 5627 | 5628 | 5629 | 5622 |
| 53 | $862 \times 9 = \underline{\quad}$ | 7757 | 7758 | 7763 | 7750 |
| 54 | $327 \times 6 = \underline{\quad}$ | 1962 | 1965 | 1969 | 1971 |
| 55 | $977 \times 4 = \underline{\quad}$ | 3902 | 3908 | 3913 | 3907 |
| 56 | $194 \times 3 = \underline{\quad}$ | 584 | 590 | 583 | 582 |
| 57 | $456 \times 5 = \underline{\quad}$ | 2278 | 2280 | 2275 | 2285 |
| 58 | $176 \times 4 = \underline{\quad}$ | 703 | 702 | 704 | 697 |
| 59 | $610 \times 2 = \underline{\quad}$ | 1212 | 1228 | 1220 | 1229 |
| 60 | $705 \times 8 = \underline{\quad}$ | 5640 | 5644 | 5645 | 5639 |
| 61 | $\underline{\quad} \times 100 = 7500$ | 75 | 70 | 84 | 67 |
| 62 | $\underline{\quad} \times 100 = 2400$ | 24 | 26 | 27 | 22 |
| 63 | $\underline{\quad} \times 100 = 8700$ | 88 | 87 | 94 | 89 |
| 64 | $\underline{\quad} \times 100 = 3200$ | 32 | 30 | 29 | 41 |
| 65 | $\underline{\quad} \times 100 = 9000$ | 90 | 86 | 96 | 99 |
| 66 | $\underline{\quad} \times 100 = 6700$ | 69 | 58 | 64 | 67 |



| | | | | | |
|-----|----------------------------|--------|--------|--------|--------|
| 67 | $_ \times 100 = 8900$ | 82 | 92 | 89 | 83 |
| 68 | $_ \times 100 = 6900$ | 68 | 74 | 69 | 72 |
| 69 | $_ \times 100 = 4500$ | 44 | 52 | 45 | 42 |
| 70 | $_ \times 100 = 8800$ | 79 | 88 | 89 | 86 |
| 71 | $70 \times 71 = _$ | 4962 | 4972 | 4964 | 4970 |
| 72 | $16 \times 74 = _$ | 1180 | 1191 | 1178 | 1184 |
| 73 | $83 \times 37 = _$ | 3074 | 3071 | 3073 | 3077 |
| 74 | $32 \times 38 = _$ | 1218 | 1216 | 1215 | 1214 |
| 75 | $20 \times 62 = _$ | 1233 | 1240 | 1231 | 1241 |
| 76 | $50 \times 58 = _$ | 2892 | 2893 | 2906 | 2900 |
| 77 | $58 \times 39 = _$ | 2258 | 2267 | 2265 | 2262 |
| 78 | $57 \times 57 = _$ | 3255 | 3251 | 3246 | 3249 |
| 79 | $11 \times 48 = _$ | 536 | 528 | 525 | 523 |
| 80 | $59 \times 52 = _$ | 3068 | 3076 | 3059 | 3070 |
| 81 | $42 \times 59 = _$ | 2472 | 2478 | 2484 | 2480 |
| 82 | $15 \times 79 = _$ | 1180 | 1187 | 1179 | 1185 |
| 83 | $79 \times 55 = _$ | 4346 | 4345 | 4343 | 4353 |
| 84 | $89 \times 72 = _$ | 6411 | 6408 | 6401 | 6413 |
| 85 | $36 \times 40 = _$ | 1435 | 1440 | 1448 | 1434 |
| 86 | $7 \times 3 \times 2 = _$ | 44 | 42 | 40 | 36 |
| 87 | $3 \times 1 \times 4 = _$ | 6 | 12 | 5 | 4 |
| 88 | $2 \times 4 \times 5 = _$ | 36 | 38 | 40 | 44 |
| 89 | $4 \times 7 \times 8 = _$ | 230 | 217 | 226 | 224 |
| 90 | $5 \times 1 \times 4 = _$ | 21 | 22 | 28 | 20 |
| 91 | $7 \times 8 \times 8 = _$ | 446 | 448 | 451 | 447 |
| 92 | $8 \times 7 \times 7 = _$ | 400 | 394 | 392 | 385 |
| 93 | $6 \times 6 \times 1 = _$ | 39 | 36 | 32 | 44 |
| 94 | $2 \times 9 \times 8 = _$ | 148 | 151 | 144 | 152 |
| 95 | $3 \times 4 \times 2 = _$ | 24 | 27 | 19 | 26 |
| 96 | $689 \times 251 = _$ | 172940 | 172939 | 172941 | 172937 |
| 97 | $164 \times 198 = _$ | 32472 | 32475 | 32477 | 32469 |
| 98 | $719 \times 184 = _$ | 132301 | 132291 | 132296 | 132299 |
| 99 | $393 \times 767 = _$ | 301426 | 301432 | 301429 | 301431 |
| 100 | $382 \times 820 = _$ | 313240 | 313241 | 313238 | 313232 |



| | | | | | |
|-----|--|--------|--------|--------|--------|
| 101 | $714 \times 982 = \underline{\hspace{1cm}}$ | 701150 | 701140 | 701148 | 701149 |
| 102 | $498 \times 590 = \underline{\hspace{1cm}}$ | 293812 | 293820 | 293823 | 293818 |
| 103 | $449 \times 459 = \underline{\hspace{1cm}}$ | 206091 | 206090 | 206099 | 206093 |
| 104 | $619 \times 703 = \underline{\hspace{1cm}}$ | 435159 | 435157 | 435154 | 435158 |
| 105 | $386 \times 645 = \underline{\hspace{1cm}}$ | 248967 | 248968 | 248970 | 248969 |
| 106 | $7.31 \times 10 = \underline{\hspace{1cm}}$ | 78.1 | 67.1 | 71.1 | 73.1 |
| 107 | $2.56 \times 10 = \underline{\hspace{1cm}}$ | 27.6 | 19.6 | 25.6 | 34.6 |
| 108 | $4.75 \times 10 = \underline{\hspace{1cm}}$ | 41.5 | 53.5 | 47.5 | 45.5 |
| 109 | $2.74 \times 10 = \underline{\hspace{1cm}}$ | 29.4 | 21.4 | 31.4 | 27.4 |
| 110 | $5.02 \times 10 = \underline{\hspace{1cm}}$ | 56.2 | 50.2 | 44.2 | 55.2 |
| 111 | $3.37 \times 10 = \underline{\hspace{1cm}}$ | 33.7 | 37.7 | 40.7 | 38.7 |
| 112 | $8.28 \times 10 = \underline{\hspace{1cm}}$ | 84.8 | 80.8 | 83.8 | 82.8 |
| 113 | $9.34 \times 10 = \underline{\hspace{1cm}}$ | 93.4 | 95.4 | 89.4 | 99.4 |
| 114 | $1.09 \times 10 = \underline{\hspace{1cm}}$ | 17.9 | 4.9 | 10.9 | 12.9 |
| 115 | $3.05 \times 10 = \underline{\hspace{1cm}}$ | 21.5 | 29.5 | 30.5 | 28.5 |
| 116 | $779.04 \times 100 = \underline{\hspace{1cm}}$ | 77906 | 77904 | 77896 | 77908 |
| 117 | $954.54 \times 100 = \underline{\hspace{1cm}}$ | 95454 | 95450 | 95452 | 95456 |
| 118 | $468.12 \times 100 = \underline{\hspace{1cm}}$ | 46816 | 46812 | 46819 | 46809 |
| 119 | $406.84 \times 100 = \underline{\hspace{1cm}}$ | 40678 | 40687 | 40684 | 40681 |
| 120 | $301.18 \times 100 = \underline{\hspace{1cm}}$ | 30110 | 30117 | 30118 | 30120 |
| 121 | $428.99 \times 100 = \underline{\hspace{1cm}}$ | 42899 | 42908 | 42894 | 42896 |
| 122 | $845.01 \times 100 = \underline{\hspace{1cm}}$ | 84493 | 84507 | 84501 | 84502 |
| 123 | $184.33 \times 100 = \underline{\hspace{1cm}}$ | 18433 | 18430 | 18441 | 18426 |
| 124 | $771.13 \times 100 = \underline{\hspace{1cm}}$ | 77118 | 77108 | 77111 | 77113 |
| 125 | $869.19 \times 100 = \underline{\hspace{1cm}}$ | 86920 | 86925 | 86919 | 86928 |
| 126 | $9.46 \times 100 = \underline{\hspace{1cm}}$ | 944 | 941 | 953 | 946 |
| 127 | $1.68 \times 100 = \underline{\hspace{1cm}}$ | 161 | 173 | 168 | 166 |
| 128 | $1.72 \times 100 = \underline{\hspace{1cm}}$ | 181 | 172 | 170 | 180 |
| 129 | $4.11 \times 100 = \underline{\hspace{1cm}}$ | 411 | 407 | 412 | 409 |
| 130 | $7.2 \times 100 = \underline{\hspace{1cm}}$ | 720 | 718 | 726 | 725 |
| 131 | $9.07 \times 100 = \underline{\hspace{1cm}}$ | 898 | 899 | 902 | 907 |
| 132 | $5.58 \times 100 = \underline{\hspace{1cm}}$ | 564 | 558 | 555 | 550 |
| 133 | $6.64 \times 100 = \underline{\hspace{1cm}}$ | 664 | 665 | 655 | 671 |
| 134 | $1.27 \times 100 = \underline{\hspace{1cm}}$ | 120 | 125 | 131 | 127 |
| 135 | $3.01 \times 100 = \underline{\hspace{1cm}}$ | 301 | 292 | 295 | 299 |



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