

Instructions

The following pages contain randomized times tables. Every page contains all 100 combinations of the times tables from one to ten.

Every time you visit the website and click the link, you will get a completely different set of exercises again in random order.

Each page is split in two, the left part should be completed by the student, the right part contains the correct answers (in case you would need them).

This means the pages can be used for "self assessment" by the student (just fold the page over). If you don't trust the student, then cut the page in two.

How to score

Measure the number of seconds it takes the student to complete this form. For each wrong or missing answer, add 5 seconds. Then lookup the time in the first column of the scoring table on the next page, the score is in the column next to the time.

For example a student completes the test in 206 seconds (3 minutes and 26 seconds), 1 question was unanswered and 2 were wrong. The total time in this case is $206 + 5 + 10 = 221$.

The score of the student in this case is 7.7

A well trained student should be able to complete a single page in 3 minutes (180 seconds). However, you can set your own targets.

A score of 10 should be considered excellent.

Times Tables Generator

by Geert De Peuter (<http://dev.depeuter.org>)

Scoring Table

| | | | | | | | | | | | | | | | | | | | |
|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|-----|------|
| 50 | 37.4 | 51 | 36.7 | 52 | 36.0 | 53 | 35.4 | 54 | 34.7 | 55 | 34.1 | 56 | 33.5 | 57 | 32.9 | 58 | 32.4 | 59 | 31.8 |
| 60 | 31.3 | 61 | 30.8 | 62 | 30.3 | 63 | 29.9 | 64 | 29.4 | 65 | 29.0 | 66 | 28.5 | 67 | 28.1 | 68 | 27.7 | 69 | 27.3 |
| 70 | 26.9 | 71 | 26.5 | 72 | 26.2 | 73 | 25.8 | 74 | 25.5 | 75 | 25.1 | 76 | 24.8 | 77 | 24.5 | 78 | 24.2 | 79 | 23.9 |
| 80 | 23.6 | 81 | 23.3 | 82 | 23.0 | 83 | 22.7 | 84 | 22.5 | 85 | 22.2 | 86 | 22.0 | 87 | 21.7 | 88 | 21.5 | 89 | 21.2 |
| 90 | 21.0 | 91 | 20.8 | 92 | 20.5 | 93 | 20.3 | 94 | 20.1 | 95 | 19.9 | 96 | 19.7 | 97 | 19.5 | 98 | 19.3 | 99 | 19.1 |
| 100 | 18.9 | 101 | 18.7 | 102 | 18.5 | 103 | 18.3 | 104 | 18.1 | 105 | 18.0 | 106 | 17.8 | 107 | 17.6 | 108 | 17.5 | 109 | 17.3 |
| 110 | 17.1 | 111 | 17.0 | 112 | 16.8 | 113 | 16.7 | 114 | 16.5 | 115 | 16.4 | 116 | 16.2 | 117 | 16.1 | 118 | 15.9 | 119 | 15.8 |
| 120 | 15.7 | 121 | 15.5 | 122 | 15.4 | 123 | 15.3 | 124 | 15.1 | 125 | 15.0 | 126 | 14.9 | 127 | 14.8 | 128 | 14.6 | 129 | 14.5 |
| 130 | 14.4 | 131 | 14.3 | 132 | 14.2 | 133 | 14.0 | 134 | 13.9 | 135 | 13.8 | 136 | 13.7 | 137 | 13.6 | 138 | 13.5 | 139 | 13.4 |
| 140 | 13.3 | 141 | 13.2 | 142 | 13.1 | 143 | 13.0 | 144 | 12.9 | 145 | 12.8 | 146 | 12.7 | 147 | 12.6 | 148 | 12.5 | 149 | 12.4 |
| 150 | 12.3 | 151 | 12.2 | 152 | 12.1 | 153 | 12.1 | 154 | 12.0 | 155 | 11.9 | 156 | 11.8 | 157 | 11.7 | 158 | 11.6 | 159 | 11.6 |
| 160 | 11.5 | 161 | 11.4 | 162 | 11.3 | 163 | 11.2 | 164 | 11.2 | 165 | 11.1 | 166 | 11.0 | 167 | 10.9 | 168 | 10.8 | 169 | 10.8 |
| 170 | 10.7 | 171 | 10.6 | 172 | 10.6 | 173 | 10.5 | 174 | 10.4 | 175 | 10.3 | 176 | 10.3 | 177 | 10.2 | 178 | 10.1 | 179 | 10.1 |
| 180 | 10.0 | 181 | 9.9 | 182 | 9.9 | 183 | 9.8 | 184 | 9.7 | 185 | 9.7 | 186 | 9.6 | 187 | 9.5 | 188 | 9.5 | 189 | 9.4 |
| 190 | 9.4 | 191 | 9.3 | 192 | 9.2 | 193 | 9.2 | 194 | 9.1 | 195 | 9.1 | 196 | 9.0 | 197 | 9.0 | 198 | 8.9 | 199 | 8.8 |
| 200 | 8.8 | 201 | 8.7 | 202 | 8.7 | 203 | 8.6 | 204 | 8.6 | 205 | 8.5 | 206 | 8.5 | 207 | 8.4 | 208 | 8.3 | 209 | 8.3 |
| 210 | 8.2 | 211 | 8.2 | 212 | 8.1 | 213 | 8.1 | 214 | 8.0 | 215 | 8.0 | 216 | 7.9 | 217 | 7.9 | 218 | 7.8 | 219 | 7.8 |
| 220 | 7.7 | 221 | 7.7 | 222 | 7.6 | 223 | 7.6 | 224 | 7.6 | 225 | 7.5 | 226 | 7.5 | 227 | 7.4 | 228 | 7.4 | 229 | 7.3 |
| 230 | 7.3 | 231 | 7.2 | 232 | 7.2 | 233 | 7.1 | 234 | 7.1 | 235 | 7.1 | 236 | 7.0 | 237 | 7.0 | 238 | 6.9 | 239 | 6.9 |
| 240 | 6.8 | 241 | 6.8 | 242 | 6.8 | 243 | 6.7 | 244 | 6.7 | 245 | 6.6 | 246 | 6.6 | 247 | 6.6 | 248 | 6.5 | 249 | 6.5 |
| 250 | 6.4 | 251 | 6.4 | 252 | 6.4 | 253 | 6.3 | 254 | 6.3 | 255 | 6.2 | 256 | 6.2 | 257 | 6.2 | 258 | 6.1 | 259 | 6.1 |
| 260 | 6.0 | 261 | 6.0 | 262 | 6.0 | 263 | 5.9 | 264 | 5.9 | 265 | 5.9 | 266 | 5.8 | 267 | 5.8 | 268 | 5.8 | 269 | 5.7 |
| 270 | 5.7 | 271 | 5.6 | 272 | 5.6 | 273 | 5.6 | 274 | 5.5 | 275 | 5.5 | 276 | 5.5 | 277 | 5.4 | 278 | 5.4 | 279 | 5.4 |
| 280 | 5.3 | 281 | 5.3 | 282 | 5.3 | 283 | 5.2 | 284 | 5.2 | 285 | 5.2 | 286 | 5.1 | 287 | 5.1 | 288 | 5.1 | 289 | 5.0 |
| 290 | 5.0 | 291 | 5.0 | 292 | 4.9 | 293 | 4.9 | 294 | 4.9 | 295 | 4.8 | 296 | 4.8 | 297 | 4.8 | 298 | 4.7 | 299 | 4.7 |
| 300 | 4.7 | 301 | 4.7 | 302 | 4.6 | 303 | 4.6 | 304 | 4.6 | 305 | 4.5 | 306 | 4.5 | 307 | 4.5 | 308 | 4.4 | 309 | 4.4 |
| 310 | 4.4 | 311 | 4.4 | 312 | 4.3 | 313 | 4.3 | 314 | 4.3 | 315 | 4.2 | 316 | 4.2 | 317 | 4.2 | 318 | 4.2 | 319 | 4.1 |
| 320 | 4.1 | 321 | 4.1 | 322 | 4.0 | 323 | 4.0 | 324 | 4.0 | 325 | 4.0 | 326 | 3.9 | 327 | 3.9 | 328 | 3.9 | 329 | 3.8 |
| 330 | 3.8 | 331 | 3.8 | 332 | 3.8 | 333 | 3.7 | 334 | 3.7 | 335 | 3.7 | 336 | 3.7 | 337 | 3.6 | 338 | 3.6 | 339 | 3.6 |
| 340 | 3.5 | 341 | 3.5 | 342 | 3.5 | 343 | 3.5 | 344 | 3.4 | 345 | 3.4 | 346 | 3.4 | 347 | 3.4 | 348 | 3.3 | 349 | 3.3 |
| 350 | 3.3 | 351 | 3.3 | 352 | 3.2 | 353 | 3.2 | 354 | 3.2 | 355 | 3.2 | 356 | 3.1 | 357 | 3.1 | 358 | 3.1 | 359 | 3.1 |
| 360 | 3.0 | 361 | 3.0 | 362 | 3.0 | 363 | 3.0 | 364 | 2.9 | 365 | 2.9 | 366 | 2.9 | 367 | 2.9 | 368 | 2.8 | 369 | 2.8 |
| 370 | 2.8 | 371 | 2.8 | 372 | 2.7 | 373 | 2.7 | 374 | 2.7 | 375 | 2.7 | 376 | 2.6 | 377 | 2.6 | 378 | 2.6 | 379 | 2.6 |
| 380 | 2.5 | 381 | 2.5 | 382 | 2.5 | 383 | 2.5 | 384 | 2.5 | 385 | 2.4 | 386 | 2.4 | 387 | 2.4 | 388 | 2.4 | 389 | 2.3 |
| 390 | 2.3 | 391 | 2.3 | 392 | 2.3 | 393 | 2.3 | 394 | 2.2 | 395 | 2.2 | 396 | 2.2 | 397 | 2.2 | 398 | 2.1 | 399 | 2.1 |
| 400 | 2.1 | 401 | 2.1 | 402 | 2.0 | 403 | 2.0 | 404 | 2.0 | 405 | 2.0 | 406 | 2.0 | 407 | 1.9 | 408 | 1.9 | 409 | 1.9 |
| 410 | 1.9 | 411 | 1.9 | 412 | 1.8 | 413 | 1.8 | 414 | 1.8 | 415 | 1.8 | 416 | 1.7 | 417 | 1.7 | 418 | 1.7 | 419 | 1.7 |
| 420 | 1.7 | 421 | 1.6 | 422 | 1.6 | 423 | 1.6 | 424 | 1.6 | 425 | 1.6 | 426 | 1.5 | 427 | 1.5 | 428 | 1.5 | 429 | 1.5 |
| 430 | 1.5 | 431 | 1.4 | 432 | 1.4 | 433 | 1.4 | 434 | 1.4 | 435 | 1.3 | 436 | 1.3 | 437 | 1.3 | 438 | 1.3 | 439 | 1.3 |
| 440 | 1.2 | 441 | 1.2 | 442 | 1.2 | 443 | 1.2 | 444 | 1.2 | 445 | 1.1 | 446 | 1.1 | 447 | 1.1 | 448 | 1.1 | 449 | 1.1 |
| 450 | 1.0 | 451 | 1.0 | 452 | 1.0 | 453 | 1.0 | 454 | 1.0 | 455 | 0.9 | 456 | 0.9 | 457 | 0.9 | 458 | 0.9 | 459 | 0.9 |
| 460 | 0.9 | 461 | 0.8 | 462 | 0.8 | 463 | 0.8 | 464 | 0.8 | 465 | 0.8 | 466 | 0.7 | 467 | 0.7 | 468 | 0.7 | 469 | 0.7 |
| 470 | 0.7 | 471 | 0.6 | 472 | 0.6 | 473 | 0.6 | 474 | 0.6 | 475 | 0.6 | 476 | 0.5 | 477 | 0.5 | 478 | 0.5 | 479 | 0.5 |
| 480 | 0.5 | 481 | 0.5 | 482 | 0.4 | 483 | 0.4 | 484 | 0.4 | 485 | 0.4 | 486 | 0.4 | 487 | 0.3 | 488 | 0.3 | 489 | 0.3 |
| 490 | 0.3 | 491 | 0.3 | 492 | 0.2 | 493 | 0.2 | 494 | 0.2 | 495 | 0.2 | 496 | 0.2 | 497 | 0.2 | 498 | 0.1 | 499 | 0.1 |

| | | | |
|-----------|-----------|-----------|-----------|
| 9 - 6 = | 13 - 2 = | 8 + 9 = | 8 + 12 = |
| 11 + 1 = | 13 + 4 = | 3 + 7 = | 11 - 6 = |
| 18 - 10 = | 3 + 3 = | 13 - 4 = | 16 + 3 = |
| 1 + 13 = | 15 + 3 = | 13 + 5 = | 5 + 2 = |
| 17 - 1 = | 12 - 5 = | 11 - 7 = | 15 + 1 = |
| 9 - 8 = | 8 + 7 = | 10 + 3 = | 6 - 6 = |
| 6 + 2 = | 20 - 17 = | 5 - 1 = | 11 + 9 = |
| 11 + 2 = | 8 + 8 = | 13 + 3 = | 19 - 7 = |
| 6 + 6 = | 14 - 14 = | 8 - 7 = | 3 + 16 = |
| 12 - 7 = | 6 + 8 = | 5 + 6 = | 10 + 7 = |
| 8 + 10 = | 4 + 6 = | 17 - 2 = | 19 - 12 = |
| 2 + 1 = | 8 + 4 = | 6 + 1 = | 20 - 19 = |
| 20 - 15 = | 14 - 11 = | 17 + 1 = | 14 + 3 = |
| 18 - 8 = | 1 + 3 = | 11 - 4 = | 18 - 12 = |
| 20 - 13 = | 2 + 12 = | 14 - 13 = | 18 - 6 = |
| 9 - 1 = | 16 - 12 = | 8 - 2 = | 11 + 7 = |
| 5 + 5 = | 10 - 10 = | 8 + 6 = | 18 - 17 = |
| 10 - 3 = | 15 - 13 = | 14 - 12 = | 17 - 7 = |
| 8 + 1 = | 8 - 8 = | 3 - 2 = | 12 + 1 = |
| 19 - 9 = | 12 + 2 = | 3 - 1 = | 9 - 7 = |
| 8 - 1 = | 14 + 6 = | 3 - 3 = | 4 + 3 = |
| 16 + 2 = | 17 - 6 = | 11 - 1 = | 20 - 8 = |
| 2 + 8 = | 3 + 12 = | 2 + 15 = | 9 - 3 = |
| 9 + 2 = | 17 + 3 = | 18 - 9 = | 3 + 1 = |
| 12 + 8 = | 17 - 13 = | 4 - 4 = | 13 + 6 = |

| | | | |
|----|----|----|----|
| 3 | 11 | 17 | 20 |
| 12 | 17 | 10 | 5 |
| 8 | 6 | 9 | 19 |
| 14 | 18 | 18 | 7 |
| 16 | 7 | 4 | 16 |
| 1 | 15 | 13 | 0 |
| 8 | 3 | 4 | 20 |
| 13 | 16 | 16 | 12 |
| 12 | 0 | 1 | 19 |
| 5 | 14 | 11 | 17 |
| 18 | 10 | 15 | 7 |
| 3 | 12 | 7 | 1 |
| 5 | 3 | 18 | 17 |
| 10 | 4 | 7 | 6 |
| 7 | 14 | 1 | 12 |
| 8 | 4 | 6 | 18 |
| 10 | 0 | 14 | 1 |
| 7 | 2 | 2 | 10 |
| 9 | 0 | 1 | 13 |
| 10 | 14 | 2 | 2 |
| 7 | 20 | 0 | 7 |
| 18 | 11 | 10 | 12 |
| 10 | 15 | 17 | 6 |
| 11 | 20 | 9 | 4 |
| 20 | 4 | 0 | 19 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|----------|-----------|-----------|
| 9 - 9 = | 2 + 18 = | 18 - 8 = | 17 - 17 = |
| 9 + 8 = | 13 + 7 = | 15 + 2 = | 8 + 1 = |
| 7 - 5 = | 19 - 4 = | 4 + 14 = | 12 - 4 = |
| 8 - 2 = | 13 + 5 = | 14 - 14 = | 18 - 2 = |
| 10 - 7 = | 19 - 6 = | 20 - 9 = | 10 + 5 = |
| 16 - 3 = | 3 + 15 = | 9 - 1 = | 18 - 3 = |
| 10 - 9 = | 7 + 4 = | 4 + 11 = | 15 - 7 = |
| 8 - 1 = | 10 + 7 = | 13 - 5 = | 4 + 12 = |
| 13 - 12 = | 15 - 5 = | 16 - 9 = | 19 - 18 = |
| 8 + 4 = | 2 + 8 = | 17 - 9 = | 1 + 16 = |
| 2 + 15 = | 4 + 3 = | 6 + 14 = | 7 - 7 = |
| 12 - 7 = | 7 + 7 = | 17 - 15 = | 3 + 7 = |
| 13 - 9 = | 6 + 11 = | 15 + 3 = | 6 + 10 = |
| 5 + 8 = | 2 + 9 = | 12 + 3 = | 15 + 5 = |
| 4 + 15 = | 1 + 17 = | 9 - 3 = | 9 - 8 = |
| 9 - 4 = | 17 - 7 = | 11 - 8 = | 20 - 16 = |
| 20 - 7 = | 9 + 11 = | 12 - 6 = | 1 + 8 = |
| 13 - 7 = | 9 + 10 = | 17 - 1 = | 6 - 6 = |
| 6 - 4 = | 12 - 2 = | 9 + 4 = | 18 - 1 = |
| 11 + 4 = | 10 - 2 = | 17 + 2 = | 4 + 8 = |
| 9 - 2 = | 5 + 6 = | 13 - 2 = | 16 + 4 = |
| 3 + 12 = | 10 - 5 = | 10 + 8 = | 7 + 6 = |
| 13 - 4 = | 4 + 7 = | 2 + 1 = | 2 + 2 = |
| 6 + 8 = | 1 + 15 = | 20 - 17 = | 16 - 16 = |
| 4 + 5 = | 8 + 6 = | 18 - 6 = | 7 + 11 = |

| | | | |
|----|----|----|----|
| 0 | 20 | 10 | 0 |
| 17 | 20 | 17 | 9 |
| 2 | 15 | 18 | 8 |
| 6 | 18 | 0 | 16 |
| 3 | 13 | 11 | 15 |
| 13 | 18 | 8 | 15 |
| 1 | 11 | 15 | 8 |
| 7 | 17 | 8 | 16 |
| 1 | 10 | 7 | 1 |
| 12 | 10 | 8 | 17 |
| 17 | 7 | 20 | 0 |
| 5 | 14 | 2 | 10 |
| 4 | 17 | 18 | 16 |
| 13 | 11 | 15 | 20 |
| 19 | 18 | 6 | 1 |
| 5 | 10 | 3 | 4 |
| 13 | 20 | 6 | 9 |
| 6 | 19 | 16 | 0 |
| 2 | 10 | 13 | 17 |
| 15 | 8 | 19 | 12 |
| 7 | 11 | 11 | 20 |
| 15 | 5 | 18 | 13 |
| 9 | 11 | 3 | 4 |
| 14 | 16 | 3 | 0 |
| 9 | 14 | 12 | 18 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|-----------|-----------|-----------|
| 18 + 2 = | 11 + 5 = | 13 + 5 = | 19 - 9 = |
| 20 - 5 = | 12 + 8 = | 3 + 12 = | 17 - 15 = |
| 10 + 8 = | 17 - 12 = | 6 + 1 = | 20 - 4 = |
| 9 + 2 = | 1 + 9 = | 11 - 4 = | 16 - 4 = |
| 4 + 10 = | 3 + 13 = | 8 + 2 = | 6 - 1 = |
| 15 - 8 = | 20 - 18 = | 5 - 1 = | 6 + 12 = |
| 1 + 3 = | 15 - 11 = | 2 + 11 = | 13 - 7 = |
| 10 + 3 = | 9 - 6 = | 19 - 10 = | 14 - 8 = |
| 20 - 7 = | 18 - 4 = | 14 + 1 = | 14 - 13 = |
| 5 + 9 = | 1 + 13 = | 10 + 10 = | 20 - 10 = |
| 6 + 10 = | 6 + 13 = | 14 - 6 = | 13 + 2 = |
| 16 - 16 = | 12 - 11 = | 14 - 1 = | 5 + 11 = |
| 1 + 16 = | 8 - 4 = | 12 - 5 = | 15 - 13 = |
| 16 - 10 = | 5 + 4 = | 5 + 12 = | 11 - 2 = |
| 8 - 5 = | 2 + 10 = | 1 + 5 = | 20 - 9 = |
| 8 - 7 = | 14 - 2 = | 17 - 7 = | 14 - 12 = |
| 9 + 10 = | 1 + 7 = | 14 + 6 = | 9 + 3 = |
| 4 - 2 = | 2 + 15 = | 18 - 11 = | 9 + 11 = |
| 4 + 14 = | 4 + 9 = | 2 - 1 = | 15 + 5 = |
| 3 - 2 = | 5 + 8 = | 20 - 13 = | 6 + 6 = |
| 18 - 14 = | 15 - 6 = | 7 - 2 = | 3 + 2 = |
| 5 + 10 = | 2 + 4 = | 5 + 5 = | 16 + 4 = |
| 14 - 10 = | 13 - 9 = | 10 + 1 = | 18 - 15 = |
| 10 + 5 = | 12 - 7 = | 3 + 4 = | 1 + 17 = |
| 13 - 3 = | 7 + 13 = | 6 + 11 = | 9 - 2 = |

| | | | |
|----|----|----|----|
| 20 | 16 | 18 | 10 |
| 15 | 20 | 15 | 2 |
| 18 | 5 | 7 | 16 |
| 11 | 10 | 7 | 12 |
| 14 | 16 | 10 | 5 |
| 7 | 2 | 4 | 18 |
| 4 | 4 | 13 | 6 |
| 13 | 3 | 9 | 6 |
| 13 | 14 | 15 | 1 |
| 14 | 14 | 20 | 10 |
| 16 | 19 | 8 | 15 |
| 0 | 1 | 13 | 16 |
| 17 | 4 | 7 | 2 |
| 6 | 9 | 17 | 9 |
| 3 | 12 | 6 | 11 |
| 1 | 12 | 10 | 2 |
| 19 | 8 | 20 | 12 |
| 2 | 17 | 7 | 20 |
| 18 | 13 | 1 | 20 |
| 1 | 13 | 7 | 12 |
| 4 | 9 | 5 | 5 |
| 15 | 6 | 10 | 20 |
| 4 | 4 | 11 | 3 |
| 15 | 5 | 7 | 18 |
| 10 | 20 | 17 | 7 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-------------|-------------|-------------|-------------|
| $8 + 11 =$ | $20 - 5 =$ | $11 + 9 =$ | $13 - 6 =$ |
| $18 - 10 =$ | $2 + 6 =$ | $8 + 9 =$ | $15 + 2 =$ |
| $2 + 9 =$ | $20 - 10 =$ | $1 + 8 =$ | $20 - 13 =$ |
| $19 - 17 =$ | $18 + 2 =$ | $11 - 8 =$ | $13 + 6 =$ |
| $19 - 12 =$ | $7 + 1 =$ | $12 - 1 =$ | $16 + 4 =$ |
| $8 - 7 =$ | $10 + 10 =$ | $12 + 5 =$ | $12 - 12 =$ |
| $17 + 2 =$ | $1 + 1 =$ | $7 + 11 =$ | $11 - 6 =$ |
| $11 + 7 =$ | $18 - 13 =$ | $14 + 1 =$ | $15 - 5 =$ |
| $2 + 15 =$ | $17 - 7 =$ | $1 + 19 =$ | $16 - 7 =$ |
| $12 - 10 =$ | $17 - 4 =$ | $19 - 13 =$ | $5 + 13 =$ |
| $5 + 15 =$ | $8 - 8 =$ | $5 - 5 =$ | $14 + 6 =$ |
| $8 - 6 =$ | $9 - 5 =$ | $17 + 1 =$ | $18 - 4 =$ |
| $9 - 3 =$ | $9 + 1 =$ | $1 + 9 =$ | $8 + 1 =$ |
| $1 + 6 =$ | $19 - 3 =$ | $3 + 17 =$ | $2 + 8 =$ |
| $9 + 8 =$ | $10 + 2 =$ | $6 - 6 =$ | $18 - 11 =$ |
| $14 - 1 =$ | $6 + 7 =$ | $14 - 4 =$ | $4 + 6 =$ |
| $5 + 11 =$ | $8 + 6 =$ | $12 - 11 =$ | $17 - 10 =$ |
| $18 - 17 =$ | $10 - 5 =$ | $19 - 1 =$ | $5 - 1 =$ |
| $15 - 10 =$ | $14 + 4 =$ | $18 - 18 =$ | $11 + 3 =$ |
| $14 + 5 =$ | $9 - 2 =$ | $1 + 12 =$ | $7 + 8 =$ |
| $7 + 6 =$ | $5 + 1 =$ | $1 + 13 =$ | $20 - 4 =$ |
| $7 - 2 =$ | $17 + 3 =$ | $8 + 7 =$ | $4 - 3 =$ |
| $19 - 10 =$ | $18 - 7 =$ | $12 - 9 =$ | $20 - 8 =$ |
| $17 - 15 =$ | $4 + 1 =$ | $2 + 1 =$ | $11 - 9 =$ |
| $12 - 7 =$ | $2 + 2 =$ | $9 - 1 =$ | $15 + 5 =$ |

| | | | |
|----|----|----|----|
| 19 | 15 | 20 | 7 |
| 8 | 8 | 17 | 17 |
| 11 | 10 | 9 | 7 |
| 2 | 20 | 3 | 19 |
| 7 | 8 | 11 | 20 |
| 1 | 20 | 17 | 0 |
| 19 | 2 | 18 | 5 |
| 18 | 5 | 15 | 10 |
| 17 | 10 | 20 | 9 |
| 2 | 13 | 6 | 18 |
| 20 | 0 | 0 | 20 |
| 2 | 4 | 18 | 14 |
| 6 | 10 | 10 | 9 |
| 7 | 16 | 20 | 10 |
| 17 | 12 | 0 | 7 |
| 13 | 13 | 10 | 10 |
| 16 | 14 | 1 | 7 |
| 1 | 5 | 18 | 4 |
| 5 | 18 | 0 | 14 |
| 19 | 7 | 13 | 15 |
| 13 | 6 | 14 | 16 |
| 5 | 20 | 15 | 1 |
| 9 | 11 | 3 | 12 |
| 2 | 5 | 3 | 2 |
| 5 | 4 | 8 | 20 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|-----------|-----------|-----------|
| 14 - 12 = | 13 - 6 = | 8 + 9 = | 14 - 7 = |
| 9 - 4 = | 1 + 15 = | 4 + 5 = | 9 - 7 = |
| 18 - 17 = | 3 + 3 = | 4 - 1 = | 1 + 4 = |
| 15 - 11 = | 15 + 5 = | 9 - 3 = | 3 + 5 = |
| 16 - 9 = | 16 - 6 = | 4 + 2 = | 3 + 7 = |
| 8 - 5 = | 6 + 2 = | 5 - 1 = | 8 + 12 = |
| 16 - 3 = | 9 + 5 = | 4 - 2 = | 16 - 10 = |
| 8 + 1 = | 3 + 13 = | 17 - 13 = | 13 + 7 = |
| 13 - 3 = | 2 + 2 = | 7 + 10 = | 4 + 12 = |
| 12 + 5 = | 7 + 9 = | 11 - 2 = | 20 - 18 = |
| 13 + 6 = | 15 - 15 = | 17 - 9 = | 2 + 15 = |
| 2 + 4 = | 6 + 1 = | 2 + 9 = | 5 + 14 = |
| 7 + 8 = | 6 + 12 = | 1 + 2 = | 18 - 14 = |
| 13 - 12 = | 17 - 17 = | 10 + 5 = | 9 - 8 = |
| 9 + 6 = | 15 - 8 = | 12 - 7 = | 10 + 8 = |
| 7 + 3 = | 2 + 7 = | 10 + 2 = | 19 - 19 = |
| 13 - 8 = | 6 - 2 = | 5 + 10 = | 15 - 9 = |
| 11 + 1 = | 4 - 4 = | 8 - 3 = | 18 - 5 = |
| 14 + 4 = | 7 - 6 = | 8 - 6 = | 4 + 16 = |
| 20 - 10 = | 11 + 6 = | 16 - 1 = | 8 + 6 = |
| 2 + 6 = | 10 + 4 = | 6 + 4 = | 5 + 12 = |
| 16 - 5 = | 4 + 6 = | 16 - 12 = | 10 - 3 = |
| 18 - 16 = | 7 - 7 = | 19 + 1 = | 17 - 4 = |
| 2 + 8 = | 15 - 13 = | 5 + 4 = | 3 + 9 = |
| 13 - 4 = | 15 + 1 = | 11 - 6 = | 4 - 3 = |

| | | | |
|----|----|----|----|
| 2 | 7 | 17 | 7 |
| 5 | 16 | 9 | 2 |
| 1 | 6 | 3 | 5 |
| 4 | 20 | 6 | 8 |
| 7 | 10 | 6 | 10 |
| 3 | 8 | 4 | 20 |
| 13 | 14 | 2 | 6 |
| 9 | 16 | 4 | 20 |
| 10 | 4 | 17 | 16 |
| 17 | 16 | 9 | 2 |
| 19 | 0 | 8 | 17 |
| 6 | 7 | 11 | 19 |
| 15 | 18 | 3 | 4 |
| 1 | 0 | 15 | 1 |
| 15 | 7 | 5 | 18 |
| 10 | 9 | 12 | 0 |
| 5 | 4 | 15 | 6 |
| 12 | 0 | 5 | 13 |
| 18 | 1 | 2 | 20 |
| 10 | 17 | 15 | 14 |
| 8 | 14 | 10 | 17 |
| 11 | 10 | 4 | 7 |
| 2 | 0 | 20 | 13 |
| 10 | 2 | 9 | 12 |
| 9 | 16 | 5 | 1 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|-----------|-----------|-----------|
| 17 - 1 = | 13 + 1 = | 11 + 7 = | 17 - 7 = |
| 17 - 13 = | 5 - 5 = | 10 - 3 = | 10 + 1 = |
| 11 - 7 = | 4 + 2 = | 14 + 6 = | 13 - 2 = |
| 19 - 1 = | 3 + 16 = | 16 - 2 = | 3 + 3 = |
| 6 + 3 = | 13 + 2 = | 12 + 2 = | 18 - 6 = |
| 7 + 1 = | 13 - 12 = | 19 + 1 = | 12 - 9 = |
| 17 - 9 = | 17 - 10 = | 2 + 11 = | 11 - 9 = |
| 6 - 5 = | 18 - 12 = | 12 - 7 = | 13 - 7 = |
| 13 + 5 = | 20 - 4 = | 4 + 15 = | 15 - 13 = |
| 5 + 4 = | 16 + 3 = | 11 + 8 = | 19 - 18 = |
| 20 - 2 = | 18 - 15 = | 16 - 4 = | 10 + 10 = |
| 13 - 5 = | 1 + 18 = | 6 + 1 = | 10 - 6 = |
| 16 - 6 = | 18 - 14 = | 3 + 17 = | 14 + 3 = |
| 13 + 6 = | 10 + 2 = | 20 - 5 = | 19 - 5 = |
| 1 + 8 = | 8 - 2 = | 7 - 7 = | 11 + 5 = |
| 9 + 8 = | 14 - 8 = | 11 + 6 = | 2 + 18 = |
| 10 + 5 = | 1 + 11 = | 8 + 6 = | 3 + 15 = |
| 6 - 4 = | 15 + 1 = | 15 - 12 = | 14 - 1 = |
| 18 - 8 = | 11 + 3 = | 17 - 16 = | 7 - 3 = |
| 12 - 5 = | 4 + 14 = | 19 - 4 = | 2 + 5 = |
| 20 - 10 = | 9 - 2 = | 4 + 13 = | 8 + 4 = |
| 12 + 8 = | 18 - 13 = | 17 - 6 = | 18 - 10 = |
| 2 + 1 = | 15 - 7 = | 8 + 11 = | 3 + 11 = |
| 4 + 1 = | 3 + 2 = | 5 + 7 = | 20 - 13 = |
| 8 + 10 = | 5 + 3 = | 7 + 12 = | 1 + 2 = |

| | | | |
|----|----|----|----|
| 16 | 14 | 18 | 10 |
| 4 | 0 | 7 | 11 |
| 4 | 6 | 20 | 11 |
| 18 | 19 | 14 | 6 |
| 9 | 15 | 14 | 12 |
| 8 | 1 | 20 | 3 |
| 8 | 7 | 13 | 2 |
| 1 | 6 | 5 | 6 |
| 18 | 16 | 19 | 2 |
| 9 | 19 | 19 | 1 |
| 18 | 3 | 12 | 20 |
| 8 | 19 | 7 | 4 |
| 10 | 4 | 20 | 17 |
| 19 | 12 | 15 | 14 |
| 9 | 6 | 0 | 16 |
| 17 | 6 | 17 | 20 |
| 15 | 12 | 14 | 18 |
| 2 | 16 | 3 | 13 |
| 10 | 14 | 1 | 4 |
| 7 | 18 | 15 | 7 |
| 10 | 7 | 17 | 12 |
| 20 | 5 | 11 | 8 |
| 3 | 8 | 19 | 14 |
| 5 | 5 | 12 | 7 |
| 18 | 8 | 19 | 3 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-------------|-------------|-------------|-------------|
| $4 + 13 =$ | $13 - 8 =$ | $16 - 13 =$ | $9 + 11 =$ |
| $1 + 17 =$ | $11 + 2 =$ | $12 - 6 =$ | $6 + 12 =$ |
| $15 - 5 =$ | $12 + 2 =$ | $7 - 4 =$ | $19 - 19 =$ |
| $2 + 14 =$ | $19 - 18 =$ | $7 - 2 =$ | $1 + 18 =$ |
| $3 + 14 =$ | $12 - 3 =$ | $13 + 4 =$ | $4 + 14 =$ |
| $1 + 9 =$ | $13 + 2 =$ | $20 - 5 =$ | $19 + 1 =$ |
| $2 + 2 =$ | $10 + 8 =$ | $5 + 7 =$ | $7 + 5 =$ |
| $1 + 1 =$ | $8 - 5 =$ | $3 + 4 =$ | $5 - 3 =$ |
| $11 - 10 =$ | $12 - 10 =$ | $14 - 3 =$ | $16 - 15 =$ |
| $8 + 6 =$ | $20 - 15 =$ | $15 + 3 =$ | $6 + 7 =$ |
| $11 + 4 =$ | $11 - 6 =$ | $16 - 9 =$ | $7 + 7 =$ |
| $8 + 9 =$ | $14 - 14 =$ | $11 - 7 =$ | $20 - 4 =$ |
| $5 + 6 =$ | $7 + 2 =$ | $16 + 4 =$ | $10 - 9 =$ |
| $5 + 9 =$ | $5 + 11 =$ | $13 - 1 =$ | $10 - 10 =$ |
| $6 + 14 =$ | $12 - 2 =$ | $12 + 6 =$ | $6 + 6 =$ |
| $13 - 13 =$ | $13 - 7 =$ | $17 - 14 =$ | $14 - 4 =$ |
| $18 + 2 =$ | $6 - 1 =$ | $4 - 4 =$ | $4 + 3 =$ |
| $20 - 6 =$ | $20 - 16 =$ | $18 - 9 =$ | $18 - 7 =$ |
| $3 + 13 =$ | $4 + 9 =$ | $18 - 4 =$ | $17 + 1 =$ |
| $2 + 13 =$ | $9 + 6 =$ | $12 - 9 =$ | $20 - 9 =$ |
| $18 - 5 =$ | $9 + 8 =$ | $1 + 13 =$ | $12 + 4 =$ |
| $3 + 2 =$ | $14 - 13 =$ | $6 - 2 =$ | $8 + 3 =$ |
| $20 - 12 =$ | $8 + 4 =$ | $18 - 1 =$ | $13 + 1 =$ |
| $2 + 17 =$ | $15 - 8 =$ | $12 + 7 =$ | $19 - 12 =$ |
| $18 - 10 =$ | $16 - 10 =$ | $18 - 6 =$ | $8 + 1 =$ |

| | | | |
|----|----|----|----|
| 17 | 5 | 3 | 20 |
| 18 | 13 | 6 | 18 |
| 10 | 14 | 3 | 0 |
| 16 | 1 | 5 | 19 |
| 17 | 9 | 17 | 18 |
| 10 | 15 | 15 | 20 |
| 4 | 18 | 12 | 12 |
| 2 | 3 | 7 | 2 |
| 1 | 2 | 11 | 1 |
| 14 | 5 | 18 | 13 |
| 15 | 5 | 7 | 14 |
| 17 | 0 | 4 | 16 |
| 11 | 9 | 20 | 1 |
| 14 | 16 | 12 | 0 |
| 20 | 10 | 18 | 12 |
| 0 | 6 | 3 | 10 |
| 20 | 5 | 0 | 7 |
| 14 | 4 | 9 | 11 |
| 16 | 13 | 14 | 18 |
| 15 | 15 | 3 | 11 |
| 13 | 17 | 14 | 16 |
| 5 | 1 | 4 | 11 |
| 8 | 12 | 17 | 14 |
| 19 | 7 | 19 | 7 |
| 8 | 6 | 12 | 9 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|-----------|-----------|-----------|
| 5 + 10 = | 7 - 6 = | 8 + 12 = | 16 - 7 = |
| 9 + 2 = | 18 - 6 = | 7 + 1 = | 10 + 1 = |
| 9 - 8 = | 10 + 9 = | 4 + 9 = | 13 - 9 = |
| 6 - 3 = | 18 + 2 = | 19 - 7 = | 6 + 6 = |
| 14 + 4 = | 5 + 13 = | 16 - 12 = | 10 - 7 = |
| 14 - 13 = | 19 - 6 = | 13 - 1 = | 8 + 10 = |
| 17 + 2 = | 3 + 13 = | 7 - 3 = | 3 - 2 = |
| 20 - 13 = | 11 + 7 = | 5 + 5 = | 7 - 7 = |
| 20 - 7 = | 15 + 2 = | 11 + 9 = | 6 + 13 = |
| 6 - 6 = | 4 - 4 = | 1 + 16 = | 8 + 5 = |
| 18 - 1 = | 6 + 5 = | 17 + 3 = | 16 - 14 = |
| 16 - 16 = | 3 + 8 = | 12 - 5 = | 2 - 2 = |
| 2 + 15 = | 5 + 3 = | 7 + 3 = | 1 + 13 = |
| 13 - 12 = | 10 + 5 = | 11 + 2 = | 1 + 9 = |
| 13 + 7 = | 1 + 3 = | 9 - 2 = | 18 - 8 = |
| 14 - 6 = | 3 + 11 = | 17 - 7 = | 10 - 4 = |
| 9 + 4 = | 19 - 8 = | 10 - 2 = | 14 - 11 = |
| 4 + 11 = | 20 - 4 = | 11 - 2 = | 4 - 3 = |
| 12 - 6 = | 8 + 9 = | 17 + 1 = | 19 - 11 = |
| 16 - 5 = | 19 + 1 = | 10 + 3 = | 6 + 2 = |
| 10 + 2 = | 10 - 8 = | 16 - 15 = | 12 + 8 = |
| 15 - 7 = | 1 + 7 = | 14 - 1 = | 11 - 3 = |
| 1 + 10 = | 2 + 9 = | 4 + 2 = | 12 + 6 = |
| 6 - 2 = | 15 - 1 = | 6 + 10 = | 2 + 12 = |
| 15 - 9 = | 16 - 10 = | 12 - 1 = | 6 + 12 = |

| | | | |
|----|----|----|----|
| 15 | 1 | 20 | 9 |
| 11 | 12 | 8 | 11 |
| 1 | 19 | 13 | 4 |
| 3 | 20 | 12 | 12 |
| 18 | 18 | 4 | 3 |
| 1 | 13 | 12 | 18 |
| 19 | 16 | 4 | 1 |
| 7 | 18 | 10 | 0 |
| 13 | 17 | 20 | 19 |
| 0 | 0 | 17 | 13 |
| 17 | 11 | 20 | 2 |
| 0 | 11 | 7 | 0 |
| 17 | 8 | 10 | 14 |
| 1 | 15 | 13 | 10 |
| 20 | 4 | 7 | 10 |
| 8 | 14 | 10 | 6 |
| 13 | 11 | 8 | 3 |
| 15 | 16 | 9 | 1 |
| 6 | 17 | 18 | 8 |
| 11 | 20 | 13 | 8 |
| 12 | 2 | 1 | 20 |
| 8 | 8 | 13 | 8 |
| 11 | 11 | 6 | 18 |
| 4 | 14 | 16 | 14 |
| 6 | 6 | 11 | 18 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|-----------|-----------|-----------|
| 4 - 3 = | 19 - 11 = | 19 - 19 = | 11 + 8 = |
| 13 + 4 = | 19 - 7 = | 8 - 3 = | 10 - 9 = |
| 20 - 18 = | 17 - 8 = | 3 - 2 = | 13 - 10 = |
| 3 + 17 = | 7 + 10 = | 9 - 1 = | 4 + 1 = |
| 13 - 12 = | 9 + 9 = | 16 - 9 = | 7 + 12 = |
| 6 + 10 = | 17 + 3 = | 12 - 4 = | 11 + 4 = |
| 11 + 9 = | 5 + 8 = | 5 + 5 = | 18 - 8 = |
| 18 - 7 = | 14 - 9 = | 5 + 3 = | 11 + 5 = |
| 13 - 3 = | 19 + 1 = | 2 + 12 = | 15 + 2 = |
| 4 + 11 = | 16 - 16 = | 15 + 3 = | 19 - 4 = |
| 4 + 12 = | 14 - 1 = | 7 + 13 = | 12 - 2 = |
| 20 - 8 = | 16 - 12 = | 6 + 13 = | 17 - 6 = |
| 18 - 18 = | 4 + 7 = | 8 + 9 = | 5 - 2 = |
| 12 - 5 = | 8 - 1 = | 4 + 15 = | 5 + 11 = |
| 9 - 5 = | 20 - 20 = | 6 + 12 = | 5 + 2 = |
| 5 + 1 = | 2 + 1 = | 4 + 2 = | 7 + 3 = |
| 20 - 15 = | 15 - 8 = | 18 - 1 = | 8 + 3 = |
| 3 + 12 = | 11 - 4 = | 2 + 11 = | 17 - 13 = |
| 10 - 7 = | 5 + 12 = | 20 - 10 = | 12 + 6 = |
| 10 - 8 = | 12 - 12 = | 13 + 1 = | 1 + 9 = |
| 19 - 17 = | 1 + 5 = | 14 + 6 = | 8 + 11 = |
| 4 + 3 = | 6 + 7 = | 7 + 7 = | 16 - 6 = |
| 6 - 1 = | 15 - 6 = | 9 - 9 = | 14 + 2 = |
| 4 + 6 = | 20 - 3 = | 8 - 6 = | 17 - 14 = |
| 12 - 6 = | 13 + 5 = | 11 + 2 = | 16 - 3 = |

| | | | |
|----|----|----|----|
| 1 | 8 | 0 | 19 |
| 17 | 12 | 5 | 1 |
| 2 | 9 | 1 | 3 |
| 20 | 17 | 8 | 5 |
| 1 | 18 | 7 | 19 |
| 16 | 20 | 8 | 15 |
| 20 | 13 | 10 | 10 |
| 11 | 5 | 8 | 16 |
| 10 | 20 | 14 | 17 |
| 15 | 0 | 18 | 15 |
| 16 | 13 | 20 | 10 |
| 12 | 4 | 19 | 11 |
| 0 | 11 | 17 | 3 |
| 7 | 7 | 19 | 16 |
| 4 | 0 | 18 | 7 |
| 6 | 3 | 6 | 10 |
| 5 | 7 | 17 | 11 |
| 15 | 7 | 13 | 4 |
| 3 | 17 | 10 | 18 |
| 2 | 0 | 14 | 10 |
| 2 | 6 | 20 | 19 |
| 7 | 13 | 14 | 10 |
| 5 | 9 | 0 | 16 |
| 10 | 17 | 2 | 3 |
| 6 | 18 | 13 | 13 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score:

| | | | |
|-----------|-----------|-----------|-----------|
| 19 - 5 = | 3 + 6 = | 9 - 5 = | 17 - 16 = |
| 3 + 9 = | 1 + 9 = | 15 - 11 = | 11 + 7 = |
| 13 + 7 = | 5 - 5 = | 12 - 1 = | 1 + 19 = |
| 6 + 4 = | 20 - 9 = | 6 - 3 = | 5 + 15 = |
| 14 + 5 = | 3 + 7 = | 8 - 6 = | 8 + 5 = |
| 8 - 4 = | 19 - 9 = | 16 - 14 = | 12 - 8 = |
| 7 + 10 = | 8 - 7 = | 20 - 15 = | 10 - 6 = |
| 5 + 1 = | 13 - 1 = | 3 - 3 = | 18 - 18 = |
| 5 + 13 = | 5 - 1 = | 3 + 16 = | 16 - 9 = |
| 17 - 10 = | 9 + 7 = | 19 - 19 = | 14 + 2 = |
| 15 + 5 = | 10 - 10 = | 2 + 18 = | 1 + 1 = |
| 4 + 13 = | 18 - 3 = | 5 + 2 = | 17 - 4 = |
| 16 - 4 = | 7 - 6 = | 14 - 10 = | 18 - 12 = |
| 2 + 8 = | 4 + 1 = | 2 + 10 = | 1 + 13 = |
| 12 + 6 = | 10 + 4 = | 15 - 4 = | 7 + 4 = |
| 10 - 5 = | 4 + 3 = | 2 - 2 = | 12 - 10 = |
| 18 - 7 = | 6 - 4 = | 14 - 9 = | 17 - 7 = |
| 7 + 9 = | 2 + 5 = | 18 - 16 = | 9 + 5 = |
| 11 + 5 = | 1 + 6 = | 6 + 2 = | 11 + 3 = |
| 5 + 14 = | 17 + 3 = | 13 - 7 = | 6 + 7 = |
| 13 - 3 = | 11 - 8 = | 20 - 3 = | 3 + 3 = |
| 16 + 1 = | 5 - 2 = | 19 - 13 = | 5 + 4 = |
| 15 - 3 = | 16 - 7 = | 6 + 10 = | 18 - 4 = |
| 8 + 3 = | 3 + 10 = | 4 + 9 = | 16 - 5 = |
| 18 + 1 = | 2 + 17 = | 10 + 6 = | 1 + 8 = |

| | | | |
|----|----|----|----|
| 14 | 9 | 4 | 1 |
| 12 | 10 | 4 | 18 |
| 20 | 0 | 11 | 20 |
| 10 | 11 | 3 | 20 |
| 19 | 10 | 2 | 13 |
| 4 | 10 | 2 | 4 |
| 17 | 1 | 5 | 4 |
| 6 | 12 | 0 | 0 |
| 18 | 4 | 19 | 7 |
| 7 | 16 | 0 | 16 |
| 20 | 0 | 20 | 2 |
| 17 | 15 | 7 | 13 |
| 12 | 1 | 4 | 6 |
| 10 | 5 | 12 | 14 |
| 18 | 14 | 11 | 11 |
| 5 | 7 | 0 | 2 |
| 11 | 2 | 5 | 10 |
| 16 | 7 | 2 | 14 |
| 16 | 7 | 8 | 14 |
| 19 | 20 | 6 | 13 |
| 10 | 3 | 17 | 6 |
| 17 | 3 | 6 | 9 |
| 12 | 9 | 16 | 14 |
| 11 | 13 | 13 | 11 |
| 19 | 19 | 16 | 9 |

Time: sec

Missed (x5): sec

Incorrect (x5): sec

Total: sec

Score: