



43rd World Finals | 2019 Porto












































icpc International Collegiate Programming Contest












































ICPC World Finals 2019

final standings

| RANK | TEAM | SCORE | A ● | B ○ | C ○ | D ● | E ● | F ● | G ● | H ● | I ● | J ● | K ● |
|------|---|---------|----------------|-----------------|----------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| 1 | Northern Eurasia Moscow State University | 10 1531 | 42 1 try | 142 1 try | | 56 1 try | 40 2 tries | 279 4 tries | 114 1 try | 92 2 tries | 245 1 try | 72 1 try | 249 6 tries |
| 2 | North America Massachusetts Institute of Technology | 9 1191 | 27 1 try | 90 1 try | | 107 1 try | 56 1 try | 168 1 try | 119 2 tries | 63 2 tries | 278 1 try | | 243 1 try |
| 3 | Asia Pacific The University of Tokyo | 9 1386 | 40 1 try | 204 2 tries | | 62 1 try | 31 1 try | 230 4 tries | 128 3 tries | 57 1 try | | 157 1 try | 297 4 tries |
| 4 | Europe University of Warsaw | 8 891 | 49 1 try | 126 2 tries | 11 tries | 32 1 try | 14 1 try | | 55 1 try | 32 1 try | | 111 1 try | 292 9 tries |
| 5 | National Taiwan University | 8 1179 | 27 1 try | 165 1 try | | 38 1 try | 142 1 try | | 130 1 try | 208 1 try | 278 1 try | 191 1 try | |
| 6 | University of Wroclaw | 8 1200 | 29 1 try | 277 4 tries | | 28 1 try | 57 1 try | | 212 2 tries | 91 2 tries | 263 2 tries | 103 2 tries | 1 try |
| 7 | Seoul National University | 7 783 | 74 1 try | 103 1 try | | 31 2 tries | 69 3 tries | 3 tries | 146 3 tries | 82 1 try | | 118 4 tries | |
| 8 | Asia East KimChaek University of Technology | 7 803 | 32 1 try | 132 2 tries | | 78 2 tries | 43 1 try | | 97 1 try | 188 1 try | | 193 1 try | |
| 9 | Asia West Sharif University of Technology | 7 923 | 23 1 try | 170 2 tries | | 75 1 try | 46 1 try | 1 try | 148 2 tries | 133 1 try | | 288 1 try | |
| 10 | Moscow Institute of Physics & Technology | 7 954 | 47 1 try | 155 1 try | 1 try | 140 1 try | 78 2 tries | | 145 1 try | 113 1 try | | 236 2 tries | |
| 11 | National Research University Higher School of Economics | 7 990 | 50 1 try | 199 3 tries | | 76 2 tries | 51 2 tries | | 137 2 tries | 104 1 try | | 273 1 try | |
| 12 | The Chinese University of Hong Kong | 7 1057 | 90 1 try | 239 4 tries | | 42 1 try | 59 1 try | 2 tries | 217 2 tries | 127 1 try | | 203 1 try | |
| 13 | Peking University | 7 1106 | 34 1 try | 245 1 try | | 119 2 tries | 163 2 tries | | 143 1 try | 114 1 try | | 228 2 tries | |
| 14 | Fudan University | 7 1179 | 24 2 tries | 284 6 tries | | 27 1 try | 197 7 tries | | 152 1 try | 131 1 try | 1 try | 124 1 try | |
| 15 | Nanjing University | 7 1184 | 21 1 try | 185 4 tries | | 86 2 tries | 58 1 try | | 262 4 tries | 159 5 tries | | 173 2 tries | |
| 16 | University of Oxford | 7 1185 | 54 1 try | 295 6 tries | | 30 1 try | 85 2 tries | | 235 3 tries | 178 1 try | | 148 1 try | |
| 17 | St. Petersburg ITMO University | 7 1296 | 34 1 try | 178 5 tries | | 105 1 try | 160 4 tries | | 291 4 tries | 63 2 tries | | 245 1 try | |
| 18 | University of Cambridge | 7 1359 | 161 3 tries | 139 1 try | | 81 1 try | 153 1 try | | 202 4 tries | 242 1 try | | 261 2 tries | |
| 19 | Shanghai Jiao Tong University | 7 1427 | 47 1 try | 298 12 tries | | 97 1 try | 42 1 try | | 257 2 tries | 166 3 tries | | 220 2 tries | |
| 20 | Tsinghua University | 7 1634 | 235 5 tries | 180 3 tries | | 95 1 try | 150 5 tries | | 194 2 tries | 178 1 try | | 282 6 tries | 1 try |
| 21 | Universitat Politècnica de Catalunya | 6 636 | 62 1 try | 185 1 try | | 52 1 try | 31 1 try | | 181 1 try | 125 1 try | | | |
| 22 | Belarusian State University | 6 773 | 86 1 try | 219 3 tries | | 27 1 try | 46 1 try | | 129 1 try | 186 3 tries | | | |
| 23 | Universitas Indonesia | 6 815 | 115 4 tries | 223 6 tries | | 92 1 try | 64 1 try | 5 tries | 128 1 try | 33 1 try | | | |
| 24 | KAIST | 6 869 | 40 2 tries | 290 7 tries | | 66 1 try | 23 2 tries | 5 tries | 162 4 tries | 68 1 try | | | |
| 25 | Technische Universität München | 6 946 | 38 1 try | 260 4 tries | | 61 1 try | 17 1 try | | 212 3 tries | 198 4 tries | | 1 try | 1 try |
| 26 | Harvard University | 6 965 | 159 3 tries | 4 tries | | 82 1 try | 115 2 tries | | 232 2 tries | 35 1 try | | 182 5 tries | |
| 27 | National Chiao Tung University | 6 987 | 75 1 try | 289 1 try | | 182 1 try | 32 1 try | | 223 3 tries | 146 1 try | | | |
| 28 | The University of Texas at Austin | 6 989 | 81 2 tries | 284 3 tries | | 138 1 try | 42 1 try | | | 105 1 try | | 239 3 tries | |
| 29 | Zhongshan (Sun Yat-sen) University | 6 1017 | 39 1 try | | | 66 1 try | 154 4 tries | | 273 5 tries | 80 1 try | | 205 4 tries | |
| 30 | Stanford University | 6 1073 | 91 2 tries | 3 tries | | 99 1 try | 78 3 tries | | 196 1 try | 253 4 tries | | 236 1 try | |
| 31 | Saratov State University | 6 1092 | 94 1 try | 8 tries | | 47 2 tries | 219 2 tries | | 296 2 tries | 175 1 try | | 181 2 tries | |
| 32 | Zhejiang University | 6 1092 | 63 1 try | 210 3 tries | | 101 1 try | 128 1 try | | 298 6 tries | 152 1 try | | | |
| 33 | University of Tsukuba | 6 1099 | 119 1 try | 298 5 tries | | 144 1 try | 54 1 try | | 197 2 tries | 127 4 tries | | | |
| 34 | Ural Federal University | 6 1112 | 92 1 try | 255 1 try | | 155 1 try | 93 1 try | | 206 1 try | 291 2 tries | | | |
| 35 | Beihang University | 6 1150 | 76 1 try | | | 84 1 try | 164 2 tries | | 246 1 try | 215 2 tries | | 285 3 tries | |
| 36 | University of Zagreb | 6 1158 | 83 1 try | 270 3 tries | | 104 1 try | 55 1 try | | 3 tries | 132 2 tries | | 294 9 tries | |
| 37 | Belarusian State University of Informatics and Radioelectronics | 6 1160 | 134 3 tries | 1 try | | 83 1 try | 159 2 tries | | 273 7 tries | 28 1 try | | 283 2 tries | |

| RANK | TEAM | SCORE | A ● | B ○ | C ○ | D ● | E ● | F ● | G ● | H ● | I ● | J ● | K ● |
|------|---|--------|----------------|----------------|---------|----------------|----------------|-----|----------------|----------------|-----|----------------|---------|
| 38 |  International IT University | 6 1168 | 92 2 tries | 245 2 tries | 1 try | 205 1 try | 157 2 tries | | 264 1 try | 145 1 try | | 4 tries | |
| 39 |  Scuola Normale Superiore | 6 1196 | 112 1 try | 299 3 tries | | 135 2 tries | 53 1 try | | | 237 2 tries | | 260 2 tries | |
| 40 |  Africa and the Middle East Syrian Virtual University | 6 1323 | 112 3 tries | 288 4 tries | | 172 1 try | 108 1 try | | 282 1 try | 221 3 tries | | 1 try | |
| 41 |  University of Waterloo | 5 549 | 114 1 try | 183 1 try | 3 tries | 87 1 try | 37 1 try | | 12 tries | 128 1 try | | | 2 tries |
| 42 |  University of Niš - Faculty of Sciences and Mathematics | 5 607 | 76 1 try | 194 3 tries | | 130 2 tries | 44 1 try | | 2 tries | 103 1 try | | 4 tries | |
| 43 |  ETH Zürich | 5 677 | 84 1 try | 1 try | | 44 1 try | 21 1 try | | | 153 3 tries | | 295 3 tries | |
| 44 |  Latin America Universidad Nacional de Córdoba - FaMAF | 5 687 | 64 2 tries | | | 197 2 tries | 202 2 tries | | 62 1 try | 102 1 try | | 17 tries | |
| 45 |  University of British Columbia | 5 750 | 79 1 try | 257 3 tries | | 165 1 try | 81 1 try | | | 128 1 try | | 9 tries | |
| 46 |  Kyoto University | 5 755 | 44 1 try | 5 tries | | 109 1 try | 145 3 tries | | | 170 1 try | | 247 1 try | |
| 47 |  University of Latvia | 5 755 | 102 1 try | | | 67 1 try | 33 1 try | | 294 1 try | 219 3 tries | | 1 try | |
| 48 |  Indian Institute of Technology - Madras | 5 806 | 25 1 try | | | 131 2 tries | 99 1 try | | 287 4 tries | 184 1 try | | | |
| 49 |  Indian Institute of Technology - Roorkee | 5 828 | 51 1 try | 2 tries | | 128 1 try | 163 3 tries | | 197 1 try | 249 1 try | | | |
| 50 |  Xi'an Jiaotong University | 5 832 | 114 1 try | 7 tries | | 172 1 try | 141 2 tries | | 87 2 tries | 258 2 tries | | | |
| 51 |  Hanoi University of Science and Technology | 5 901 | 107 1 try | | | 117 1 try | 95 2 tries | | | 263 3 tries | | 219 3 tries | |
| 52 |  Universidade Federal de Pernambuco | 5 903 | 56 1 try | | | 108 2 tries | 235 1 try | | 267 4 tries | 157 1 try | | 6 tries | |
| 53 |  Universidade do Porto | 5 935 | 44 2 tries | 267 5 tries | | 112 1 try | 120 3 tries | | | 212 3 tries | | | |
| 54 |  St. Petersburg State University | 5 979 | 72 1 try | 9 tries | | 142 1 try | 189 4 tries | | 187 1 try | 289 3 tries | | | |
| 55 |  École Normale Supérieure de Paris | 5 990 | 283 1 try | 44 2 tries | 2 tries | 118 2 tries | 152 1 try | | 253 6 tries | 1 try | | 2 tries | |
| 56 |  South China University of Technology | 5 1072 | 49 1 try | | | 172 1 try | 227 4 tries | | 269 1 try | 295 1 try | | | |
| 57 |  University of Brasilia | 5 1101 | 114 1 try | | | 206 1 try | 100 2 tries | | 188 7 tries | 293 4 tries | | | |
| 58 |  Universidade de São Paulo - Campus de São Carlos | 5 1134 | 55 1 try | | | 173 4 tries | 193 3 tries | | 284 4 tries | 249 2 tries | | 1 try | |
| 59 |  Princeton University | 5 1153 | 37 1 try | | | 175 3 tries | 210 4 tries | | 292 5 tries | 259 1 try | | | |
| 60 |  East China Normal University | 5 1190 | 67 2 tries | | | 216 4 tries | 109 2 tries | | 10 tries | 229 4 tries | | 249 9 tries | |
| 61 |  Waseda University | 5 1209 | 89 2 tries | | | 194 4 tries | 184 6 tries | | 285 1 try | 257 2 tries | | 1 try | |
| 62 |  Carnegie Mellon University | 4 416 | 89 2 tries | 5 tries | | 96 1 try | 37 2 tries | | | 154 1 try | | | |
| 63 |  University of Tartu | 4 474 | 81 2 tries | 4 tries | | 91 1 try | 52 3 tries | | 6 tries | 170 2 tries | | | |
| 64 |  Northeastern University (China) | 4 580 | 101 1 try | | | 195 1 try | 106 1 try | | 3 tries | 178 1 try | | | |
| 65 |  University of Southern California | 4 587 | 56 1 try | 3 tries | | 163 2 tries | 63 3 tries | | | 4 tries | | 225 2 tries | |
| 66 |  Universidad de La Habana | 4 619 | 36 1 try | 7 tries | | 111 1 try | 181 2 tries | | | 271 1 try | | | |
| 67 |  Guangdong University of Technology | 4 624 | 81 2 tries | 249 3 tries | | 124 1 try | 90 2 tries | | | 3 tries | | | |
| 68 |  St. Petersburg Campus of Higher School of Economics | 4 639 | 87 2 tries | | | 55 1 try | 101 4 tries | | 2 tries | 296 2 tries | | | |
| 69 |  Universidad Nacional de Rosario | 4 660 | 70 2 tries | | | 128 1 try | 160 3 tries | | | 242 1 try | | | |
| 70 |  Beijing Normal University | 4 686 | 106 2 tries | | | 150 1 try | 99 2 tries | | 2 tries | 271 2 tries | | | |
| 71 |  National Technical University "Kharkiv Polytechnic Institute" | 4 696 | 125 1 try | 279 6 tries | | 77 1 try | 95 2 tries | | | | | 10 tries | |
| 72 |  American University of Beirut, Faculty of Arts and Science | 4 708 | 56 1 try | | | 117 2 tries | 259 1 try | | | 216 3 tries | | | |
| 73 |  Alexandru Ioan Cuza University of Iași | 4 720 | 83 2 tries | | | 147 5 tries | 61 1 try | | | 289 3 tries | | 2 tries | |
| 74 |  Kazakh-British Technical University | 4 731 | 74 2 tries | | | 157 2 tries | 233 5 tries | | 10 tries | 127 2 tries | | 2 tries | |
| 75 |  Instituto Tecnológico de Aeronautica | 4 739 | 88 1 try | 2 tries | | 162 3 tries | 132 4 tries | | | 217 3 tries | | | |
| 76 |  Amirkabir University of Technology | 4 754 | 134 1 try | | | 122 1 try | 277 2 tries | | | 201 1 try | | 1 try | |
| 77 |  Southeast University, China | 4 762 | 192 2 tries | 1 try | | 153 1 try | 110 2 tries | | | 267 1 try | | | |
| 78 |  National University of Singapore | 4 833 | 209 9 tries | | | 85 3 tries | 55 2 tries | | | 224 3 tries | | 5 tries | |
| 79 |  Universidad de Buenos Aires - FCEN | 4 838 | 67 1 try | | | 269 3 tries | 84 2 tries | | | 278 5 tries | | | |
| 80 |  Bangladesh University of Engineering and Technology | 4 857 | 71 1 try | | | 150 3 tries | 276 2 tries | | | 280 2 tries | | | |

| RANK | TEAM | SCORE | A ● | B ● | C ● | D ● | E ● | F ● | G ● | H ● | I ● | J ● | K ● |
|------|--|--------|----------------|---------|-----|----------------|----------------|---------|----------------|----------------|-----|---------|---------|
| 81 |  Faculty of Computer and Information Sciences, Ain Shams University | 4 880 | 80 1 try | | | 183 3 tries | 203 5 tries | | 288 3 tries | 209 3 tries | | | 1 try |
| 82 |  International Black Sea University | 4 949 | 45 1 try | | | 232 4 tries | 203 4 tries | | 289 4 tries | | | | |
| 83 |  Columbia University | 4 1063 | 181 3 tries | | | 271 2 tries | 266 1 try | 6 tries | | 225 4 tries | | | |
| 84 |  University of Illinois at Urbana-Champaign | 4 1201 | 248 6 tries | | | 161 1 try | 237 5 tries | | | 295 5 tries | | | 2 tries |
| 85 |  Indian Institute of Technology - Bombay | 3 273 | 70 2 tries | | | 107 1 try | 76 1 try | | 2 tries | 4 tries | | | |
| 86 |  Harbin Institute of Technology | 3 302 | 65 1 try | 1 try | | 123 2 tries | 94 1 try | | | 1 try | | | 1 try |
| 87 |  The University of Auckland | 3 373 | 80 1 try | 3 tries | | 162 1 try | | | 111 2 tries | | | | 5 tries |
| 88 |  Indian Institute of Technology - Kanpur | 3 381 | 90 1 try | | | 142 4 tries | 69 2 tries | | | 5 tries | | | |
| 89 |  Leiden University | 3 455 | 154 4 tries | | | 183 1 try | 58 1 try | | | 1 try | | | |
| 90 |  Nanjing University of Science and Technology | 3 469 | 95 2 tries | 6 tries | | 147 1 try | 187 2 tries | | | | | | |
| 91 |  The University of New South Wales | 3 478 | 188 2 tries | 7 tries | | 106 2 tries | 2 tries | | | 144 1 try | | 6 tries | |
| 92 |  Universidade Federal de Campina Grande | 3 478 | 75 2 tries | | | 162 1 try | 201 2 tries | | 2 tries | 1 try | | | |
| 93 |  Instituto Militar de Engenharia | 3 479 | 139 2 tries | | | 169 1 try | 151 1 try | | | | | | |
| 94 |  University of Chicago | 3 489 | 54 1 try | | | 206 3 tries | 169 2 tries | | | 6 tries | | | |
| 95 |  Chennai Mathematical Institute | 3 490 | 123 2 tries | | | 84 1 try | 183 5 tries | | | | | | 5 tries |
| 96 |  Universidad Nacional de Ingenieria - FC | 3 520 | 116 3 tries | | | 220 4 tries | 84 1 try | | | | | | 2 tries |
| 97 |  German University in Cairo | 3 533 | 117 2 tries | | | 227 2 tries | 129 2 tries | | | | | | 1 try |
| 98 |  Cairo University - Faculty of Computers and Information | 3 594 | 107 3 tries | 1 try | | 115 1 try | 272 4 tries | | | | | | 1 try |
| 99 |  University of Engineering and Technology - VNU | 3 615 | 60 1 try | | | 153 1 try | 262 8 tries | | 5 tries | | | | |
| 100 |  University of Cape Town | 3 631 | 159 4 tries | | | 264 2 tries | 128 1 try | | 2 tries | 1 try | | | |
| 101 |  Duke University | 3 654 | 169 2 tries | | | | 195 1 try | | | 270 1 try | | | 1 try |
| 102 |  Northern (Arctic) Federal University | 3 660 | 148 6 tries | | | | 267 3 tries | | 65 3 tries | | | | 1 try |
| 103 |  South Dakota School of Mines and Technology | 3 678 | 120 2 tries | | | 186 1 try | 272 5 tries | | 4 tries | | | | |
| 104 |  Faculty of Engineering, Cairo University | 3 703 | 99 5 tries | | | 193 1 try | 251 5 tries | | | | | | |
| 105 |  Sofia University | 3 709 | 202 5 tries | | | 206 1 try | 221 1 try | | | | | | |
| 106 |  Universidad Nacional de Colombia - Bogotá | 3 831 | 214 5 tries | | | 246 1 try | 271 2 tries | | | | | | |
| 107 |  Bina Nusantara University | 3 844 | 239 6 tries | | | 230 5 tries | 175 2 tries | | | | | | 8 tries |
| 108 |  IIIT-Delhi | 2 177 | 46 1 try | | | 131 1 try | 2 tries | | | | | | |
| 109 |  Damascus University - Y! | 2 238 | 61 1 try | | | 157 2 tries | 7 tries | | | | | | 1 try |
| 110 | Indian Institute of Technology - Patna | 2 272 | 92 2 tries | | | 160 1 try | 5 tries | | | | | | |
| 111 | Escuela Superior De Computo Instituto Politecnico Nacional | 2 300 | 88 1 try | | | 212 1 try | 7 tries | | | 1 try | | | |
| 112 | Faculty of Engineering- Mansoura University | 2 304 | 49 2 tries | | | 195 3 tries | 7 tries | | | | | | |
| 113 | Drexel University | 2 319 | 82 2 tries | | | 197 2 tries | 1 try | | | 2 tries | | | |
| 114 | Universidad Tecnológica Nacional - Facultad Regional Santa Fe | 2 328 | 56 1 try | | | 272 1 try | 9 tries | | | | | | |
| 115 | Lebanese American University | 2 352 | 102 3 tries | | | 210 1 try | 3 tries | | | | | | |
| 116 | The University of Western Australia | 2 358 | 2 tries | | | 153 2 tries | 125 4 tries | | | | | | |
| 117 | University of Central Florida | 2 360 | 267 2 tries | | | 73 1 try | 3 tries | 1 try | | | | | 6 tries |
| 118 | Al-Baath University | 2 376 | 122 1 try | | | 254 1 try | 5 tries | | | 1 try | | | |
| 119 | Colorado School of Mines | 2 403 | 138 3 tries | | | 225 1 try | 2 tries | | | | | | |
| 120 | Universidad de Oriente - Sede Antonio Maceo | 2 420 | 200 3 tries | | | 180 1 try | 1 try | | | | | | 6 tries |
| 121 | Shahjalal University of Science and Technology | 2 438 | 155 2 tries | | | 223 3 tries | 2 tries | | | 1 try | | | |
| 122 | Moscow Aviation Institute | 2 439 | 128 7 tries | | | 191 1 try | 16 tries | | | | | | |
| 123 | Instituto Tecnológico Autónomo de México | 2 440 | 160 2 tries | | | 260 1 try | 4 tries | | 2 tries | | | | |

| RANK | TEAM | SCORE | A ● | B ○ | C ○ | D ● | E ● | F ● | G ● | H ● | I ● | J ● | K ● |
|---------|--|-------|--|---|---|---|--|--|---|---|--|---|--|
| 124 |  Universidad de los Andes, Colombia | 2 463 | 5 tries | | | 246 3 tries | 137 3 tries | | | | | | |
| 125 |  ITESM Campus Monterrey | 2 472 | 156 3 tries | | | 276 1 try | | | | 2 tries | | | |
| 126 |  Higher Institute for Applied Sciences and Technology | 2 474 | | | | 258 1 try | 196 2 tries | | | | | | |
| 127 |  Aleppo University | 2 487 | 202 1 try | | | | 285 1 try | | | | | | |
| 128 |  University of Wisconsin - Madison | 2 503 | 249 2 tries | | | 214 2 tries | 4 tries | | | | | | |
| 129 |  Indian Institute of Technology - Kharagpur | 2 505 | 101 4 tries | | | 264 5 tries | 7 tries | | | | | | |
| 130 |  Instituto Tecnológico Superior del Sur de Guanajuato | 2 657 | 252 3 tries | | | | 285 5 tries | | | | | | |
| 131 |  Damascus University - Daddy's Home | 1 144 | 124 2 tries | | | 5 tries | 1 try | | 4 tries | | | | |
| 132 |  University of Nebraska - Lincoln | 1 311 | 3 tries | | | 291 2 tries | 3 tries | | | | | | |
| 133 |  The American University in Cairo | 1 421 | | | | | 2 tries | | | | 261 9 tries | | |
| 134 |  Shahid Beheshti University | 0 0 | | | | 2 tries | 2 tries | | | | | | |
| |  Tecnológico de Costa Rica | 0 0 | 1 try | | | | | | 1 try | | | | |
| SUMMARY | | 585 | <input type="checkbox"/> 128 <input type="checkbox"/> 127 <input type="checkbox"/> 0 <input type="checkbox"/> 21min | <input type="checkbox"/> 41 <input type="checkbox"/> 170 <input type="checkbox"/> 0 <input type="checkbox"/> 44min | <input type="checkbox"/> 0 <input type="checkbox"/> 18 <input type="checkbox"/> 0 <input type="checkbox"/> n/a | <input type="checkbox"/> 127 <input type="checkbox"/> 82 <input type="checkbox"/> 0 <input type="checkbox"/> 27min | <input type="checkbox"/> 109 <input type="checkbox"/> 232 <input type="checkbox"/> 0 <input type="checkbox"/> 14min | <input type="checkbox"/> 3 <input type="checkbox"/> 29 <input type="checkbox"/> 0 <input type="checkbox"/> 168min | <input type="checkbox"/> 54 <input type="checkbox"/> 152 <input type="checkbox"/> 0 <input type="checkbox"/> 55min | <input type="checkbox"/> 81 <input type="checkbox"/> 106 <input type="checkbox"/> 0 <input type="checkbox"/> 28min | <input type="checkbox"/> 5 <input type="checkbox"/> 16 <input type="checkbox"/> 0 <input type="checkbox"/> 245min | <input type="checkbox"/> 33 <input type="checkbox"/> 157 <input type="checkbox"/> 0 <input type="checkbox"/> 72min | <input type="checkbox"/> 4 <input type="checkbox"/> 21 <input type="checkbox"/> 0 <input type="checkbox"/> 243min |

Cell colours

| |
|------------------|
| Solved first |
| Solved |
| Tried, incorrect |
| Tried, pending |
| Untried |