**Let’s Go Golfing**

Combine mathematical symbols and the digits 2–7 to write expressions that evaluate to the Target Number. Each digit you use counts as 1 “stroke,” so try your best to make par!

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| **Order of Operations Golf Course—Front 9 Holes** | | | | |
| **Hole** | **Target Number** | **Par** | **Write an Expression**  (Only use 2, 3, 4, 5, 6, and 7. You may use these digits more than once.) | **Your Score** |
| Practice | 58 | 5 |  |  |
| 1 | 17 | 3 |  |  |
| 2 | 29 | 4 |  |  |
| 3 | 41 | 4 |  |  |
| 4 | 53 | 5 |  |  |
| 5 | 65 | 6 |  |  |
| 6 | 77 | 3 |  |  |
| 7 | 89 | 4 |  |  |
| 8 | 101 | 5 |  |  |
| 9 | 113 | 5 |  |  |

If you used the maximum number of strokes for each hole, it would require 39 strokes to complete the front 9 holes. How many strokes did you use? Did you finish under par?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Order of Operations Golf Course—Back 9 Holes** | | | | |
| **Hole** | **Target Number** | **Par** | **Write an Expression**  (Only use 2, 3, 4, 5, 6, and 7. You may use these digits more than once.) | **Your Score** |
| 10 | 125 | 3 |  |  |
| 11 | 137 | 6 |  |  |
| 12 | 149 | 5 |  |  |
| 13 | 161 | 7 |  |  |
| 14 | 173 | 6 |  |  |
| 15 | 185 | 7 |  |  |
| 16 | 197 | 5 |  |  |
| 17 | 209 | 7 |  |  |
| 18 | 221 | 6 |  |  |

If you used the maximum number of strokes for each hole, it would require 52 strokes to complete the back 9 holes. How many strokes did you use? Did you finish under par?

**Let’s Go Golfing (KEY)**

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| **Order of Operations Golf Course—Front 9 Holes** | | | | |
| **Hole** | **Target Number** | **Par** | **Write an Expression**  (Only use 2, 3, 4, 5, 6, and 7. You may use these digits more than once.) | **Your Score** |
| **Answers may vary for all holes 1–18, but some expressions are provided.** | | | | |
| 1 | 17 | 3 | 5 × 3 + 2 | 3 |
| 2 | 29 | 4 | 5² + 4 | 3 |
| 3 | 41 | 4 | 5² + 4² | 4 |
| 4 | 53 | 5 | 2 × 5² + 3 | 4 |
| 5 | 65 | 6 | 3 × 4 × 5 + 5 | 4 |
| 6 | 77 | 3 | 7 × (7 + 4) | 3 |
| 7 | 89 | 4 | 4³ + 5² | 4 |
| 8 | 101 | 5 | (5 × 2)² + 1 | 4 |
| 9 | 113 | 5 | (5 + 6)² - (4 × 2) | 5 |

If you used the maximum number of strokes for each hole, it would require 39 strokes to complete the front 9 holes. How many strokes did you use? Did you finish under par?

In this sample golf game, it took 34 strokes to complete the front 9 holes. (under par)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Order of Operations Golf Course—Back 9 Holes** | | | | |
| **Hole** | **Target Number** | **Par** | **Write an Expression**  (Only use 2, 3, 4, 5, 6, and 7. You may use these digits more than once.) | **Your Score** |
| 10 | 125 | 3 | 5³ | 2 |
| 11 | 137 | 6 | 5³ + (3 × 4) | 4 |
| 12 | 149 | 5 | 5 × 5 × 4 + 7² | 5 |
| 13 | 161 | 7 | (5 + 6)² + (5 × 4 × 2) | 6 |
| 14 | 173 | 6 | 4 × 6 × 7 + 5 | 4 |
| 15 | 185 | 7 | 5³ + 6 × 5 × 2 | 5 |
| 16 | 197 | 5 | 5² × 2³ --3 | 5 |
| 17 | 209 | 7 | 5² × 2³ + 3² | 6 |
| 18 | 221 | 6 | 5² × 2³ + 3 × 7 | 6 |

If you used the maximum number of strokes for each hole, it would require 52 strokes to complete the back 9 holes. How many strokes did you use? Did you finish under par?

In this sample golf game, it took 43 strokes to complete the back 9 holes. (under par)