

# Game of Greed

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## Rules of the Game:

- You start with 3 tokens.
  - At the beginning of each round, you insert a token and roll 2 regular, six-sided, dice. Your starting current score is the sum of the faces.
  - Then, you have two options. GREEDY or NOT GREEDY.
    - If you choose GREEDY, roll another die.
      - If the face is a 2, your current score becomes 0 and the round ends.
      - Otherwise, add the face to your current score.
      - Repeat until you roll a 2 or you choose NOT GREEDY
    - If you choose NOT GREEDY, your current score is added to your final score and the round ends.
  - Start a new round until all 3 tokens are used; then, your overall score is your final score.
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## Example [Round 1]:

|           |         |            |                     |
|-----------|---------|------------|---------------------|
| New Game! | ROLL: 5 | ROLL: 3    | Starting Score: 8   |
| Greedy!   | ROLL: 3 |            | New Score: 11       |
| Greedy!   | ROLL: 2 | Game Over! | Your final score: 0 |

## Example 2 [Round 2]:

|             |         |            |                      |
|-------------|---------|------------|----------------------|
| New Game!   | ROLL: 4 | ROLL: 2    | Starting Score: 6    |
| Greedy!     | ROLL: 5 |            | New Score: 11        |
| Greedy!     | ROLL: 4 |            | New Score: 15        |
| Greedy!     | ROLL: 3 |            | New Score: 18        |
| Not Greedy! |         | Game Over! | Your final score: 18 |

## Example 3 [Round 3]:

|             |         |            |                     |
|-------------|---------|------------|---------------------|
| New Game!   | ROLL: 1 | ROLL: 6    | Starting Score: 7   |
| Not Greedy! |         | Game Over! | Your final score: 7 |

**Overall Score: 25**