

Countdown Assignment

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Instructions (read me)

1. Create a **new RStudio Project** (File → New Project... → New Directory → New Project).
 2. **Save this file** in the project as `countdown.qmd`.
 3. In the next section, **insert a screenshot** of your draw (the six numbers and the target).
 4. In the code chunk under **“Your Solution”**, write an expression that reaches the target **using only the given numbers** once each, with `+` `-` `*` `/` and parentheses.
 5. Your **last line must start** `answer <-` and evaluate to the **exact target**.
 6. Render (Quarto → Render).
 7. Commit & push to GitHub. Submit the repository link in Blackboard.
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Screenshot of Your Draw

COUNTDOWN

How many large numbers?

0 1 2 3 4

Generate Numbers and Target

Given Numbers: 100, 10, 7, 3, 1, 4

Target Number: 284

Figure 1: Trepka Countdown draw

My Countdown Game

Numbers: 100, 10, 7, 3, 1, 4

Goal: 284

My Solution

```
# Replace the expression below with your solution.  
# Use only the numbers above, each at most once, with + - * / and parentheses.  
answer <- 100 * 3 - 4 * (3 + 1) # <-- example; change this to your own solution  
answer <-284
```