

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.

Screenshot of Your Draw

Replace the path below with your actual screenshot file. Put your image inside a folder like `assets/` or `images/` in **this** project.

COUNTDOWN

How many large numbers?

0

1

2

3

4

Generate Numbers and Target

Given Numbers: 7, 4, 10, 8, 5, 6

Target Number: 716

Figure 1: Countdown draw showing my six numbers and target

My Countdown Game

Numbers: 7, 4, 10, 8, 5, 6 Goal: 716

My Solution

```
# Replace the expression below with your solution.  
# Use only the numbers above, each at most once, with + - * / and parentheses.
```

```
answer <- (10*((5+4)*8)-4)
```

```
answer
```

```
[1] 716
```