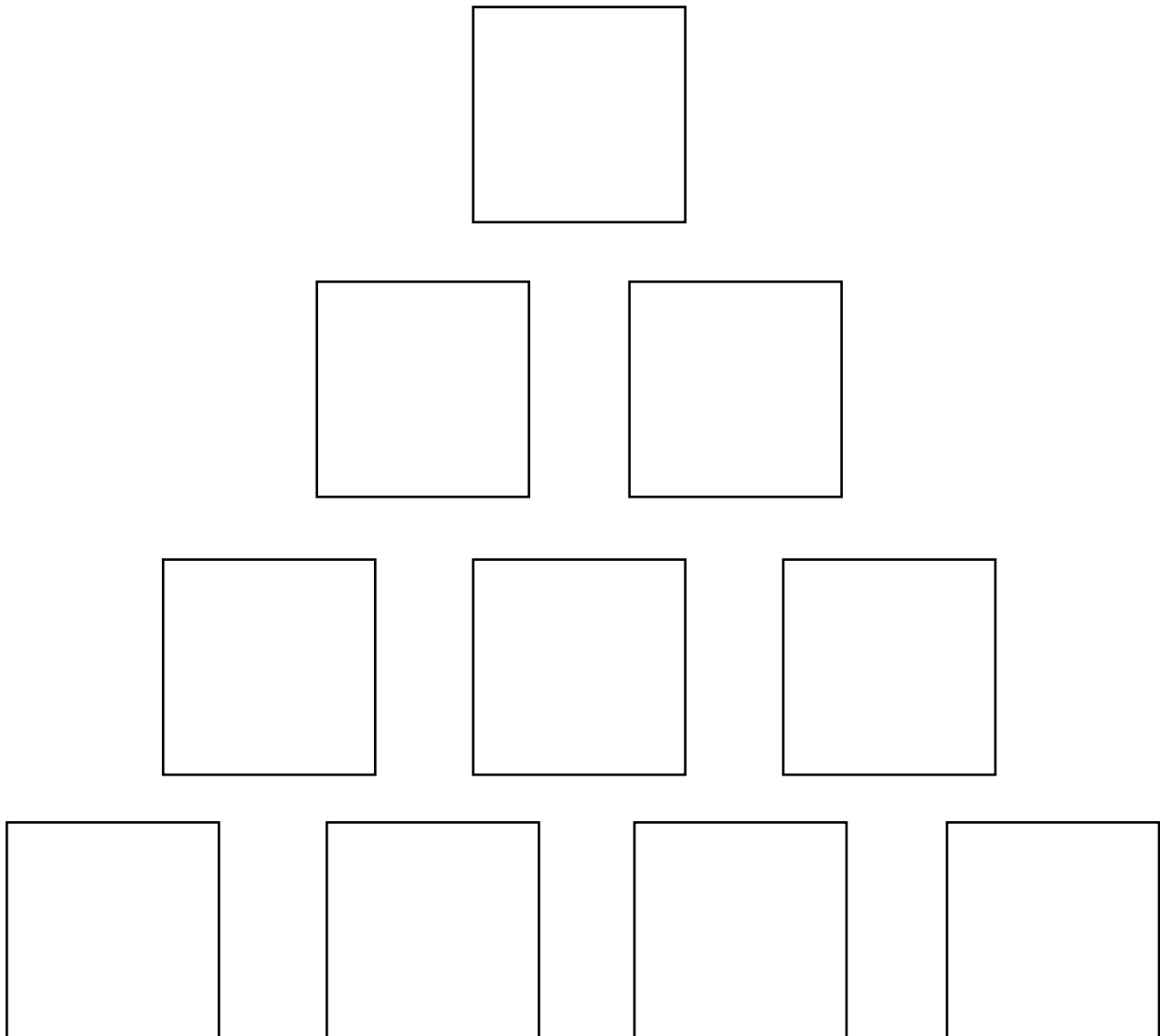# Pyramid Puzzle #1

**Challenge 1.** Fill in the spots below with the numbers 0 - 10, so that each number in the pyramid is the *sum* of the two below it. You may use numbers more than once.
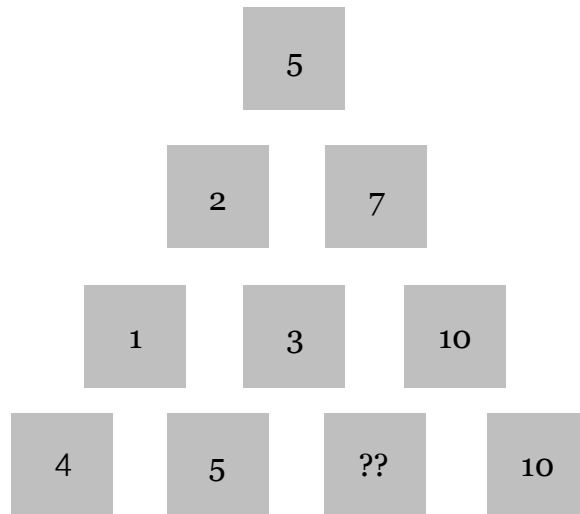
**Challenge 2.** Same as above, but this time, don't use any number more than twice.

# Pyramid Puzzle #2

**Part 1.**
Make a pyramid using the numbers 1-10, so that each number in the pyramid is the *difference* of the two below it.

```
                    5

              2           7

         1         3          10

      4       5        ??        10
```
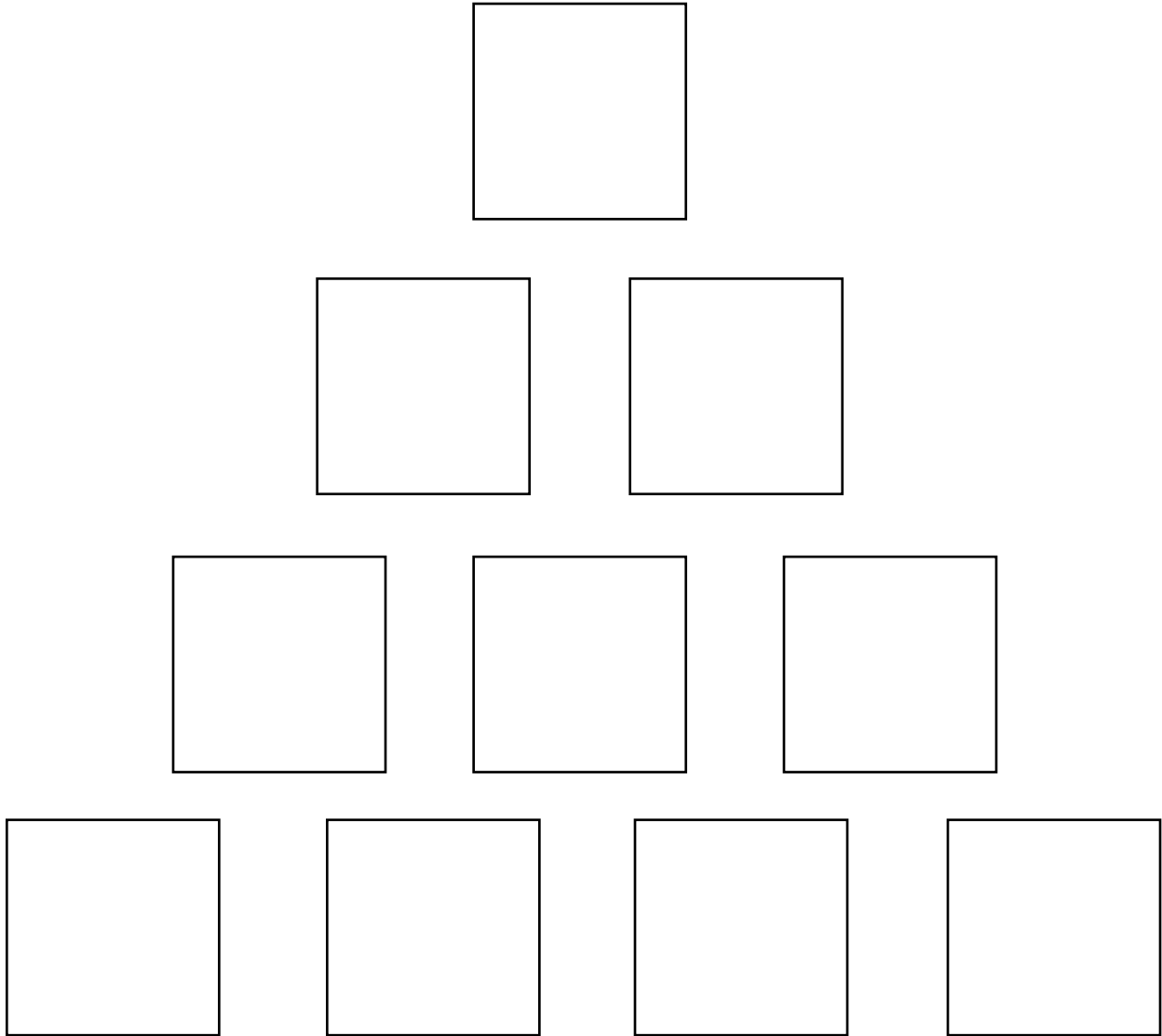
The Pyramid above almost works, but not quite.

**Part 2.**
It is possible to build this pyramid using each number from 1 - 10 exactly once in the pyramid. Can you figure out how?
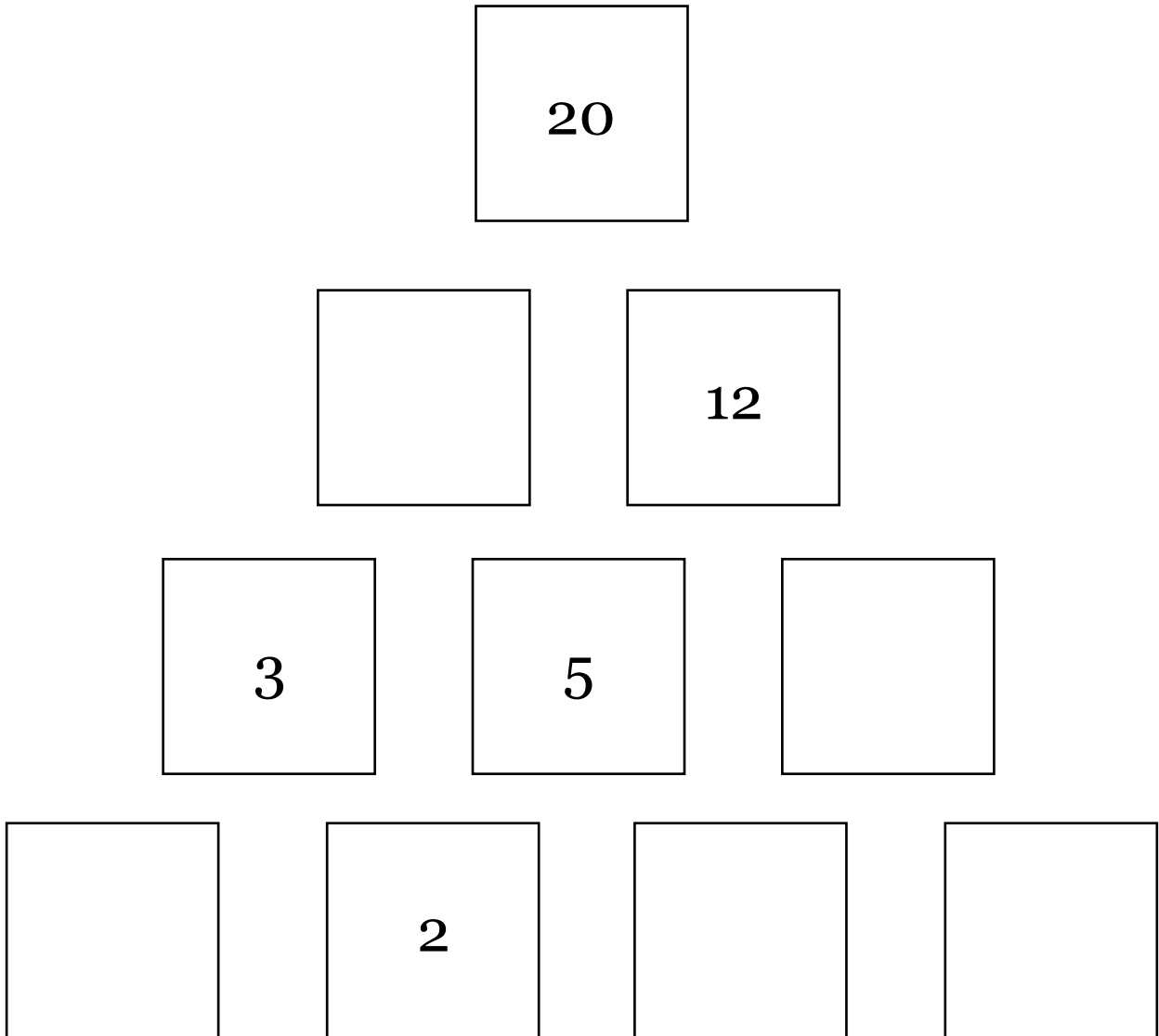
# Pyramid Puzzle #2

# Pyramid Puzzle #3

Each number in the Pyramid is the sum of the two numbers below it.
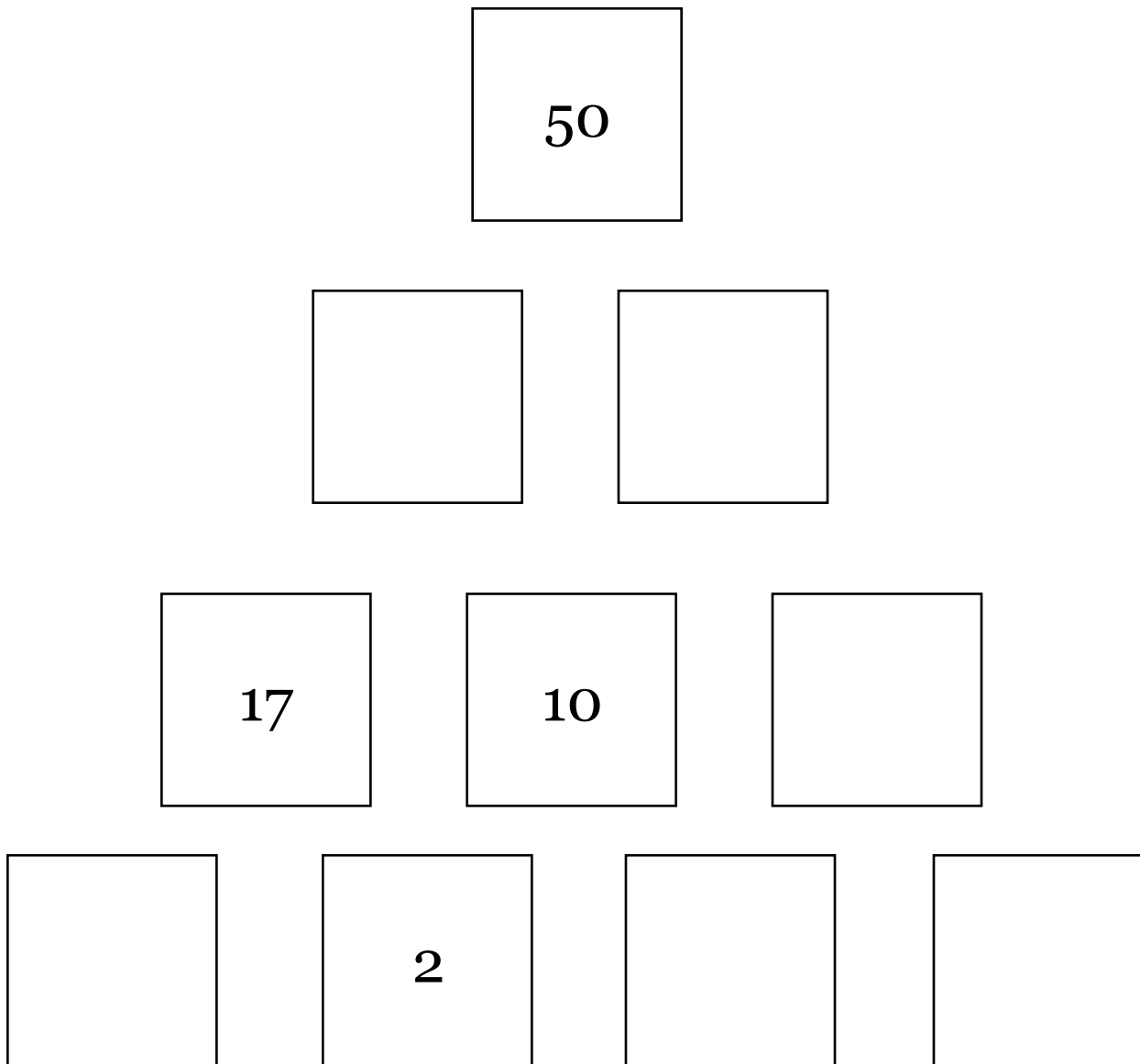Fill in the missing numbers in the Pyramid.

Numbers may repeat.

| | | | |
|---|---|---|---|
| | | 20 | |
| | | | 12 |
| | 3 | 5 | |
| | 2 | | |

# Pyramid Puzzle #4

Each number in the Pyramid is the sum of the two numbers below it.
Fill in the missing numbers in the Pyramid.

Numbers may repeat.

| | | | 50 | | | | |
|---|---|---|---|---|---|---|---|
| | | ☐ | | ☐ | | | |
| | 17 | | 10 | | ☐ | | |
| ☐ | | 2 | | ☐ | | ☐ | |

# Pyramid Puzzle #5

Each number in the Pyramid is the sum of the two numbers below it.
Fill in the missing numbers in the Pyramid.

Numbers may repeat.

|  |  |  |  34  |  |  |  |
|---|---|---|---|---|---|---|

| 1 | 3 | | 9 |