

# Domain and Range - Contract Practice

For each of the sets of examples, write the contract for the function **above** the examples.

1. \_\_\_\_\_ :: \_\_\_\_\_ -> \_\_\_\_\_

**examples:**

```
big-triangle("solid", "red") is triangle(90, "solid", "red")
big-triangle("outline", "blue") is triangle(90, "outline", "blue")
```

**end**

2. \_\_\_\_\_ :: \_\_\_\_\_ -> \_\_\_\_\_

**examples:**

```
purple-square(15) is rectangle(15, 15, "outline", "purple")
purple-square(6) is rectangle(6, 6, "outline", "purple")
```

**end**

3. \_\_\_\_\_ :: \_\_\_\_\_ -> \_\_\_\_\_

**examples:**

```
banner("Game Today!") is text("Game Today!", 50, "red")
banner("Go Team") is text("Go Team", 50, "red")
```

**end**

4. \_\_\_\_\_ :: \_\_\_\_\_ -> \_\_\_\_\_

**examples:**

```
twinkle(5, "outline") is star(5, "outline", "yellow")
twinkle(15, "solid") is star(15, "solid", "yellow")
```

**end**

5. \_\_\_\_\_ :: \_\_\_\_\_ -> \_\_\_\_\_

**examples:**

```
half(2) is 2 / 2
half(4) is 4 / 2
half(9) is 9 / 2
```

**end**