

Do Examples Have the Same Contracts?

Directions: For each pairs of Examples below, decide whether the two examples have the same contract. If they do, fill in the contract in the space provided. If not, write a few words explaining why.

examples:

```
mystery(30) is 30 * 50
```

```
mystery(10) is text("Welcome!", 10, "darkgreen")
```

- end

no match (the range types are different)

examples:

```
mystery(30, 40) is 40 - (2 * 30)
```

```
mystery(10, 15) is 15 - (2 * 10)
```

- end

```
mystery : : Number, Number -> Number
```

examples:

```
mystery("New York") is text("New York", 20, "red")
```

```
mystery(20) is text("New York", 20, "red")
```

- end

no match (the domain types are different)

examples:

```
mystery("green", 32) is circle(32, "outline", "green")
```

```
mystery(18, "green") is circle(18, "outline", "green")
```

- end

no match (the domain types are in different orders)

examples:

```
mystery(6, 9, 10) is 6 / (9 + 10)
```

```
mystery(3, 7) is 3 / (7 + 10)
```

- end

no match (the domains have different numbers of arguments)

examples:

```
mystery("red", "blue") is text("blue", 25, "red")
```

```
mystery("purple", "Go Team!") is text("Go Team!", 25, "purple")
```

- end

```
mystery : : String, String -> Image
```

examples:

```
mystery(circle(55, "outline", "black"), 12) is
```

```
scale(12, circle(55, "outline", "black"))
```

```
mystery(rectangle(24, 32, "outline", "purple"), 5) is
```

```
scale(5, rectangle(24, 32, "outline", "purple"))
```

- end

```
mystery : : Image, Number -> Image
```