

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.

1. _____ :: _____ -> _____

examples:

```
mystery("+", 4, 5) is 4 + 5
mystery("sqrt", 25) is sqrt(25)
end
```

2. _____ :: _____ -> _____

examples:

```
mystery(triangle(70, "solid", "green")) is
  triangle(140, "solid", "green")
mystery(triangle(100, "solid", "green")) is
  triangle(200, "solid", "green")
end
```

3. _____ :: _____ -> _____

examples:

```
mystery("red") is
  triangle(140, "solid", "red")
mystery("blue", "circle") is
  circle(140, "solid", "blue")
end
```

4. _____ :: _____ -> _____

examples:

```
mystery("circle", 4) is pi * sqr(4)
mystery("square", 5) is sqr(5)
end
```

5. _____ :: _____ -> _____

examples:

```
mystery("dog") is 3
mystery("cat") is "kitten"
end
```

6. _____ :: _____ -> _____

examples:

```
mystery("dog") is 3
mystery("kitten") is 6
end
```

7. _____ :: _____ -> _____

examples:

```
mystery(4, 5, "big") is
  scale(2, rectangle(4, 5, "solid", "blue"))
mystery(10, "small", 4) is
  scale(0.5, rectangle(10, 4, "solid", "blue"))
end
```