

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. ; _____ : _____ -> _____

```
(EXAMPLE (mystery 30)
  (* 30 50))
```

```
(EXAMPLE (mystery 10)
  (text "Welcome!" 10 "darkgreen"))
```

2. ; _____ : _____ -> _____

```
(EXAMPLE (mystery 30 40)
  (- 40 (* 2 30)))
```

```
(EXAMPLE (mystery 10 15)
  (- 15 (* 2 10)))
```

3. ; _____ : _____ -> _____

```
(EXAMPLE (mystery "New York")
  (text "New York" 20 "red"))
```

```
(EXAMPLE (mystery 20)
  (text "New York" 20 "red"))
```

4. ; _____ : _____ -> _____

```
(EXAMPLE (mystery "green" 32)
  (circle 32 "outline" "green"))
```

```
(EXAMPLE (mystery 18 "green")
  (circle 18 "outline" "green"))
```

5. ; _____ : _____ -> _____

```
(EXAMPLE (mystery 6 9 10)
  (/ 6 (+ 9 10)))
```

```
(EXAMPLE (mystery 3 7)
  (/ 3 (+ 7 10)))
```

6. ; _____ : _____ -> _____

```
(EXAMPLE (mystery "red" "blue")
  (text "blue" 25 "red"))
```

```
(EXAMPLE (mystery "purple" "Go Team!")
  (text "Go Team!" 25 "purple"))
```

7. ; _____ : _____ -> _____

```
(EXAMPLE (mystery (circle 55 "outline" "black") 12)
  (scale 12 (circle 55 "outline" "black")))
```

```
(EXAMPLE (mystery (rectangle 24 32 "outline" "purple") 5)
  (scale 5 (rectangle 24 32 "outline" "purple")))
```