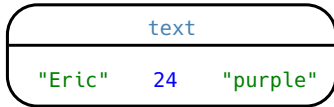


# Composing Image Functions

You'll be investigating these functions with your partner:

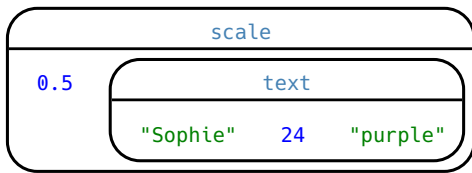
```
# text :: String, Number, String -> Image
# scale :: Number, Image -> Image
# rotate :: Number, Image -> Image
# flip-horizontal :: Image -> Image
# flip-vertical :: Image -> Image
```

1) Make an image of your name, in big purple letters. Draw the Circle of Evaluation and write the code that will create this image.



```
text("Eric", 24, "purple")
```

2) Try using the `scale` function to make your name bigger or smaller. Draw the Circle of Evaluation (hint: use what you wrote above!), then write the code.



```
scale(0.5, text("Sophie", 24, "purple"))
```

3) In your own words, what does `scale` do?

---

*When the number is less than 1, it scales the image down to a smaller version*

---

*When the number is greater than 1, it scales the image up to a larger version*

---

4) Try out `rotate`, `flip-horizontal`, and `flip-vertical`. Use the space below to write your code, then test out your code in WeScheme when you're ready.

*For sample code for these functions, refer to the contracts page of the teachers manual.*