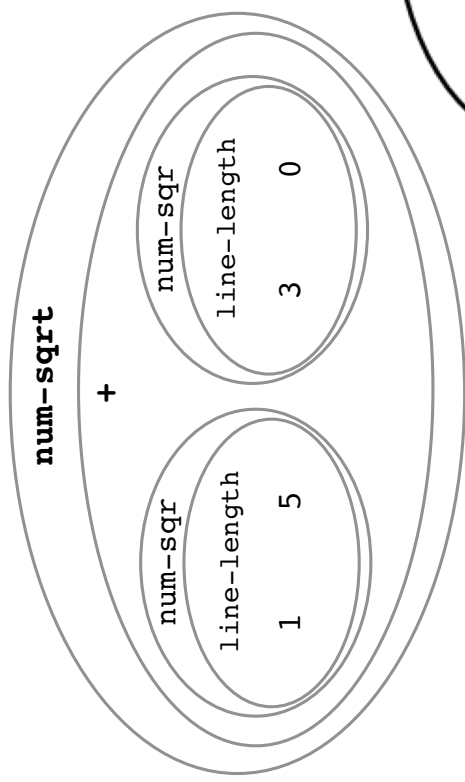


Circle of Evaluation

Code

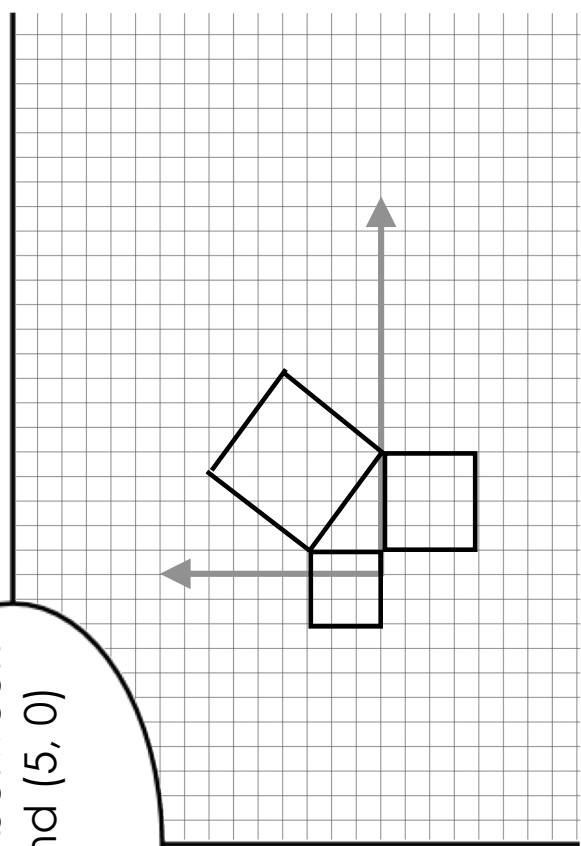


```
(num-sqrt (+ (num-sqr (line-length 1 5))
              (num-sqr (line-length 3 0))))
```

Distance between
(1,3) and (5, 0)

$$\begin{aligned} & \text{sqrt}((1 - 5)^2 + (3 - 0)^2) \\ &= \text{sqrt}(-4^2 + 3^2) \\ &= \text{sqrt}(16 + 9) \\ &= \text{sqrt}(25) \\ &= 5 \end{aligned}$$

Computed distance
between (1, 3) and (5, 0)



Graph