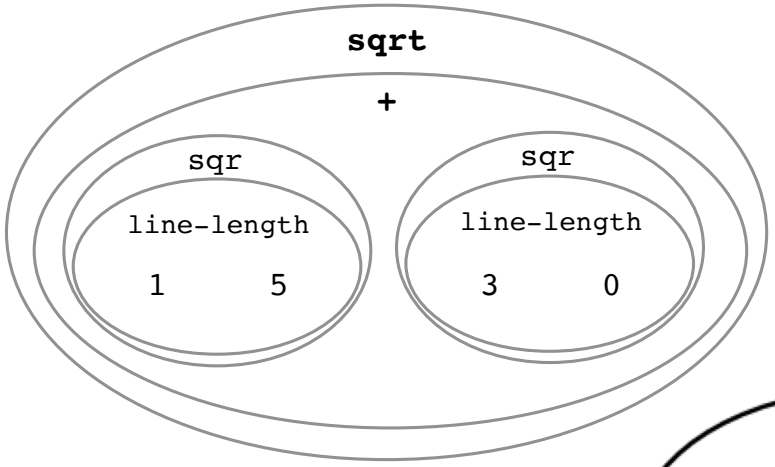
Circle of Evaluation

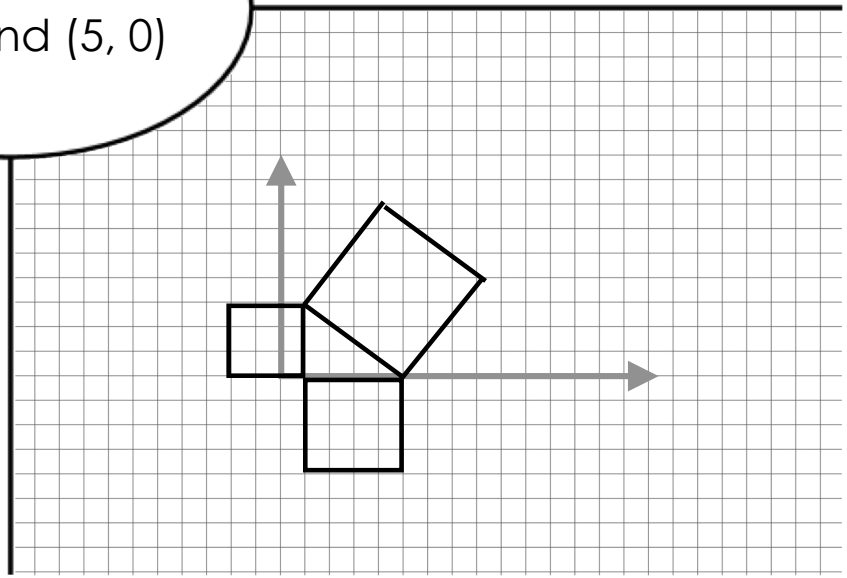


Code

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

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

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



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

Graph