Circle of Evaluation

num-sqrt

+

num-sqr   num-sqr

line-length   line-length

1   5   3   0

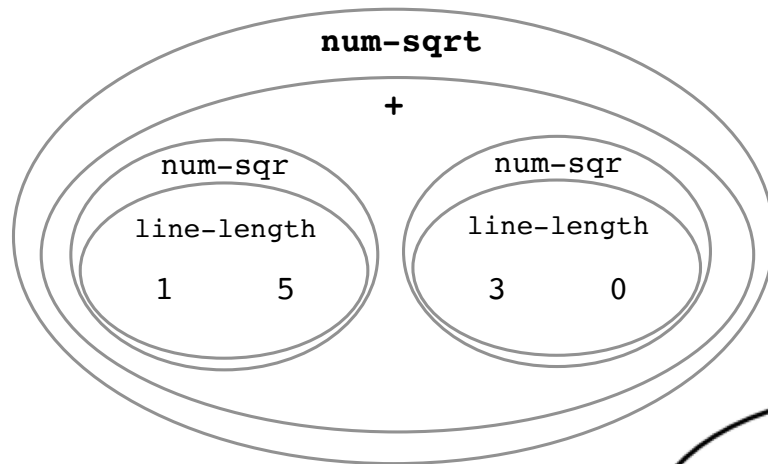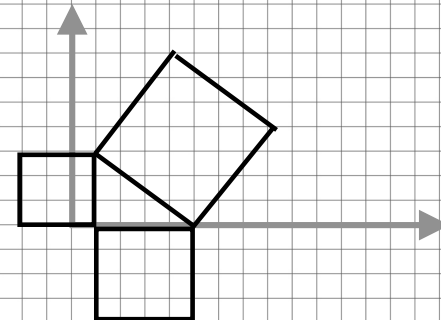**Code**

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