

**Exercise 3.2:**

Apply the structural algorithm in section 3.3 to draw the line in figure 3.6.

**Solution (sketch):**

$$dx = 15, dy = 9$$

$$\gcd(dx, dy) = 3$$

$$\widetilde{dx} = 5, \widetilde{dy} = 3$$

$$D^3 H^2 \quad 3 = 1 \cdot 2 + 1$$

$$(DH)(D^2 H)$$

$$\text{Solution: } (.DH)((DH)(D^2 H))^2(DH)^2(D..)$$

Note that for drawing the basic sequence  $DH D^2 H$  does not start at the beginning, but at the last  $D$ .