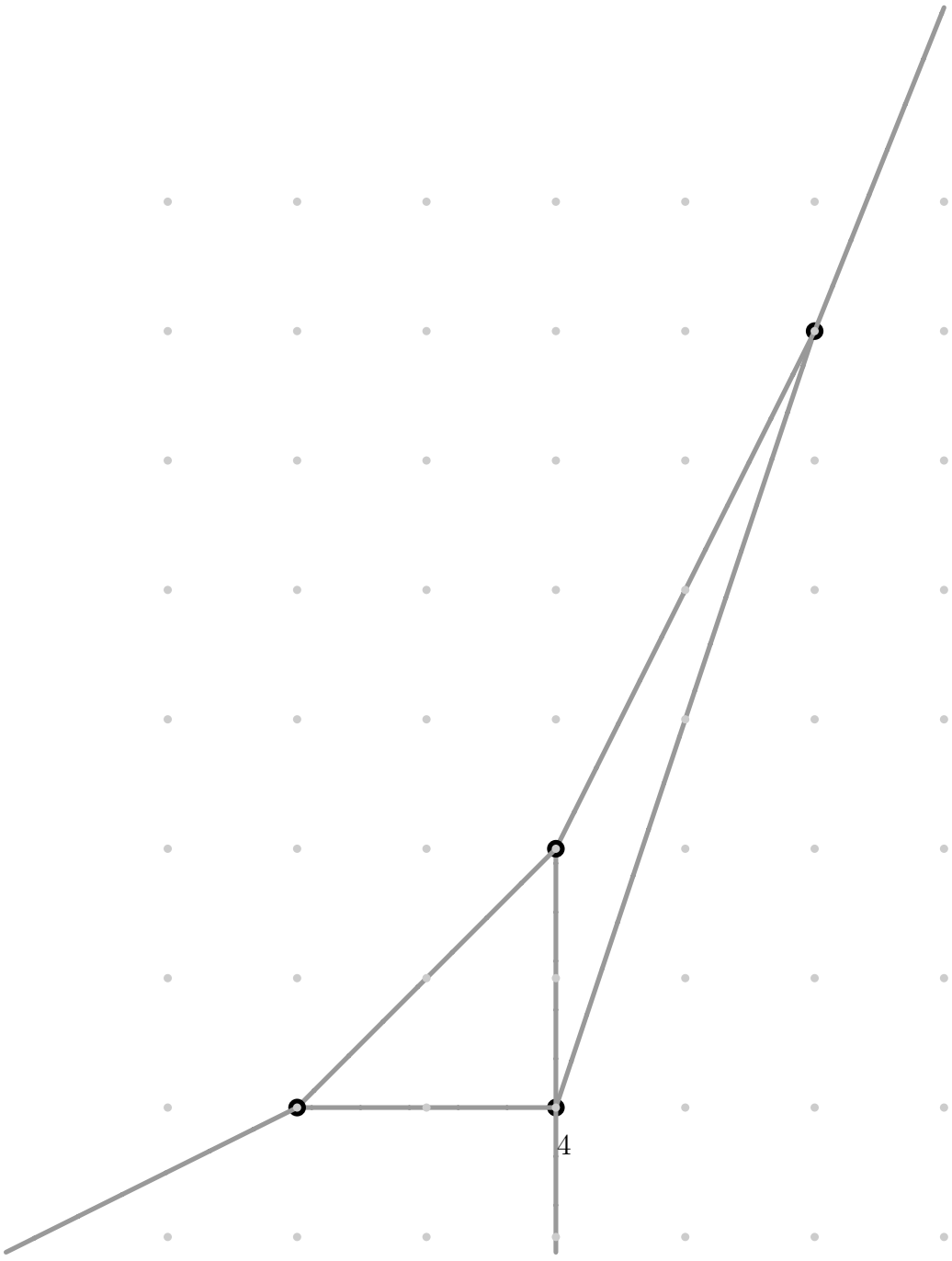
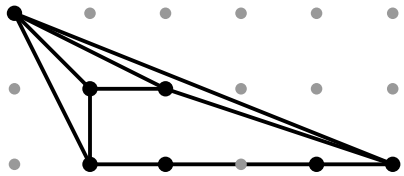
The Tropicalisation of

$$f = -x^5 + (8 \cdot t^2 + 20 \cdot t^4 + t^6) \cdot x^4 + (-111 \cdot t^6 - 50 \cdot t^8 - 15 \cdot t^{10}) \cdot x^3 + (-2 - 2 \cdot t^2) \cdot x^2 y + (-128 \cdot t^6 - 64 \cdot t^8 - 16 \cdot t^{10} - 32 \cdot t^{12} - 16 \cdot t^{14}) \cdot x^2 + (8 \cdot t^2 + 12 \cdot t^4 + 4 \cdot t^6) \cdot xy + y^2 + (256 \cdot t^8 + 768 \cdot t^{10} + 832 \cdot t^{12} + 384 \cdot t^{14} + 64 \cdot t^{16}) \cdot x$$

The vertices of the tropical curve are:

$$(-2, -6), \quad (0, 0), \quad (-2, -4), \quad (-4, -6)$$



The Newton subdivision of the tropical curve is: