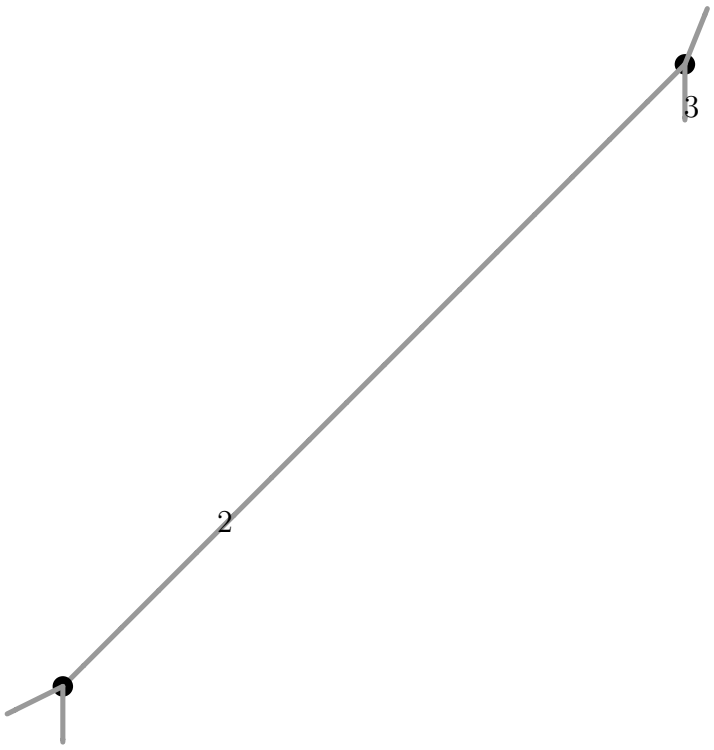
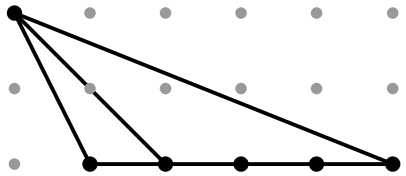
The Tropicalisation of

$$f = -x^5 + (1 + t^{28} + 2 \cdot t^{30} + t^{32}) \cdot x^4 + (16 - t^{28} - 2 \cdot t^{30} - t^{32}) \cdot x^3 + (-16 - 16 \cdot t^{28} - 32 \cdot t^{30} - 16 \cdot t^{32}) \cdot x^2 + y^2 + (16 \cdot t^{28} + 32 \cdot t^{30} + 16 \cdot t^{32}) \cdot x$$

The vertices of the tropical curve are:

$$(0, 0), \quad (-28, -28)$$



The Newton subdivision of the tropical curve is: