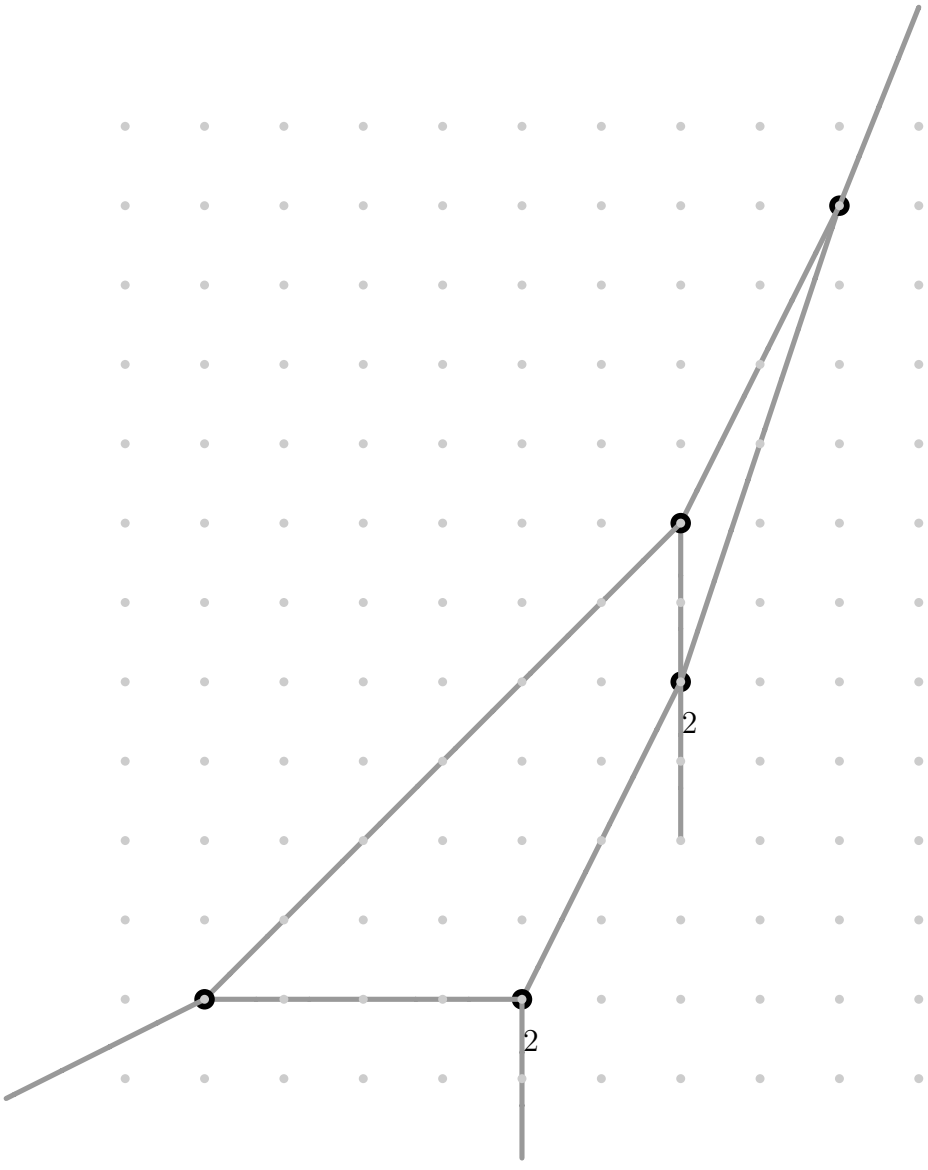
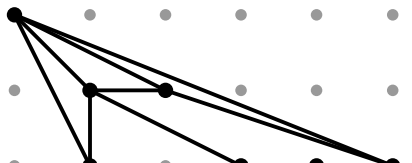
## The Tropicalisation of

$$f = -x^5 + (242 \cdot t^2 + 110 \cdot t^6 + 9 \cdot t^8 + 25 \cdot t^{10}) \cdot x^4 + (-14641 \cdot t^4 - 13301 \cdot t^8 - 2135 \cdot t^{10} - 2966 \cdot t^{12} - 965 \cdot t^{14} - 225 \cdot t^{18}) \cdot x^3 + (-2 - 2 \cdot t^2) \cdot x^2 y + (-2178 \cdot t^{10} + 127413 \cdot t^{12} - 3168 \cdot t^{14} + 117810 \cdot t^{16} - 1215 \cdot t^{18} + 26775 \cdot t^{20} - 225 \cdot t^{22}) \cdot x^2 + (242 \cdot t^2 + 242 \cdot t^4 + 110 \cdot t^6 + 110 \cdot t^8) \cdot xy + y^2 + (131769 \cdot t^{12} + 263538 \cdot t^{14} + 251559 \cdot t^{16} + 239580 \cdot t^{18} + 147015 \cdot t^{20} + 54450 \cdot t^{22} + 27225 \cdot t^{24}) \cdot x$$

The vertices of the tropical curve are:

$$(-2, -6), \quad (0, 0), \quad (-4, -10), \quad (-2, -4), \quad (-8, -10)$$




The Newton subdivision of the tropical curve is: