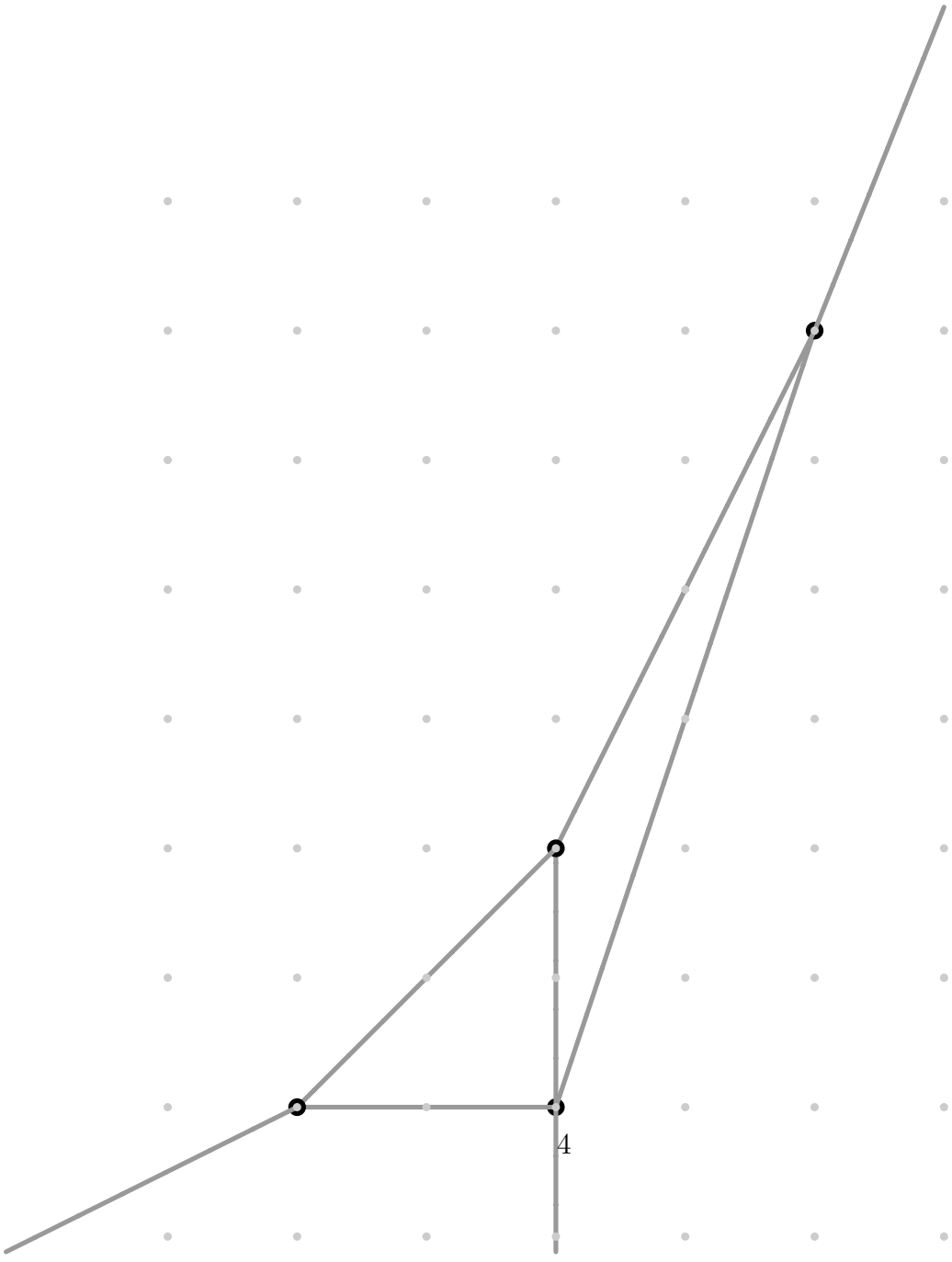
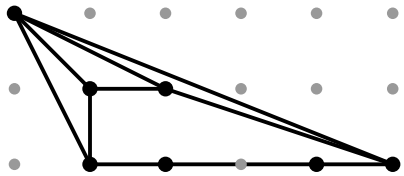
The Tropicalisation of

$$f = -x^5+(8\cdot t^2+16\cdot t^4+12\cdot t^5+t^6+t^8)\cdot x^4+(8\cdot t^5-127\cdot t^6-80\cdot t^7-7\cdot t^8-64\cdot t^9-36\cdot t^{10}-4\cdot t^{11}-16\cdot t^{12}-8\cdot t^{13}-t^{14})\cdot x^3-2\cdot x^2y+(-128\cdot t^6-64\cdot t^7+248\cdot t^8+64\cdot t^9-16\cdot t^{10}+252\cdot t^{11}+112\cdot t^{12}+8\cdot t^{13}+63\cdot t^{14}+32\cdot t^{15}+4\cdot t^{16})\cdot x^2+(8\cdot t^2+4\cdot t^5)\cdot xy+y^2+(256\cdot t^8+128\cdot t^9+16\cdot t^{10}+256\cdot t^{11}+128\cdot t^{12}+16\cdot t^{13}+64\cdot t^{14}+32\cdot t^{15}+4\cdot t^{16})\cdot x$$

The vertices of the tropical curve are:

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



The Newton subdivision of the tropical curve is: