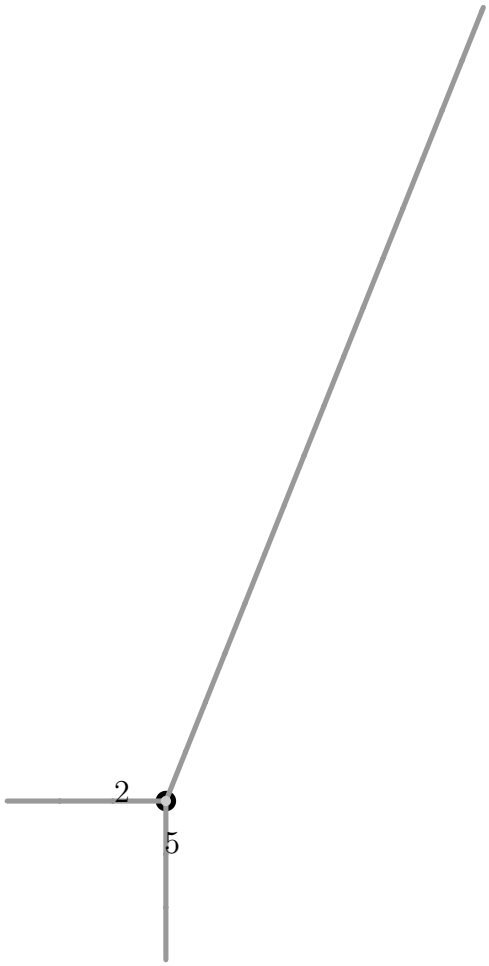
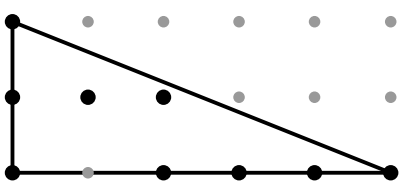
The Tropicalisation of

$$f = -x^5+(-15+t^{28}+2\cdot t^{30}+t^{32})\cdot x^4+(-80+15\cdot t^{28}+30\cdot t^{30}+15\cdot t^{32})\cdot x^3-4\cdot x^2y+(-160+68\cdot t^{28}+136\cdot t^{30}+68\cdot t^{32})\cdot x^2-24\cdot xy+y^2+(96\cdot t^{28}+192\cdot t^{30}+96\cdot t^{32})\cdot x-32\cdot y+256$$

The vertices of the tropical curve are:

$$(0,0)$$



The Newton subdivision of the tropical curve is: