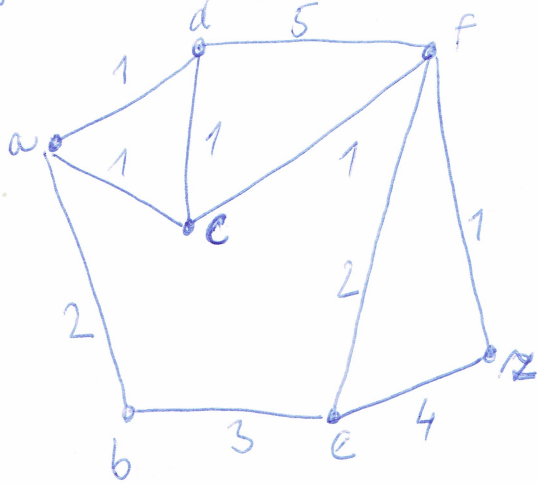


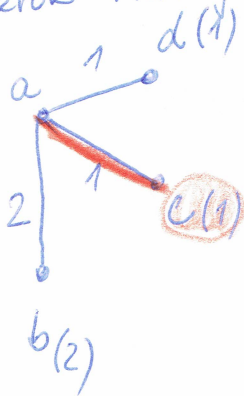
úloha 4

Dijkstra - najkratšia cesta z "a" do "z"

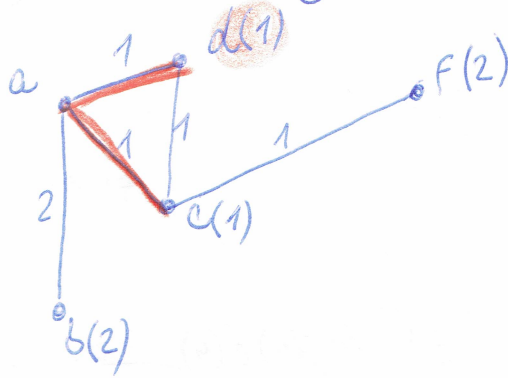
hodinovaucitelka.sk



1. krok - hrany z "a", vyberiem min.

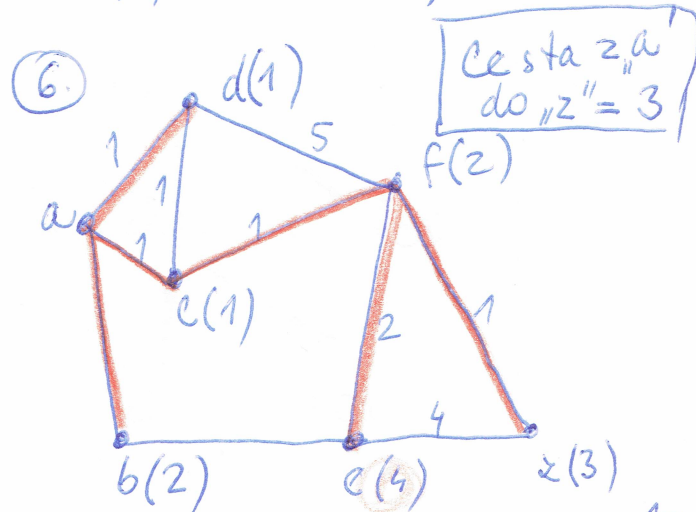
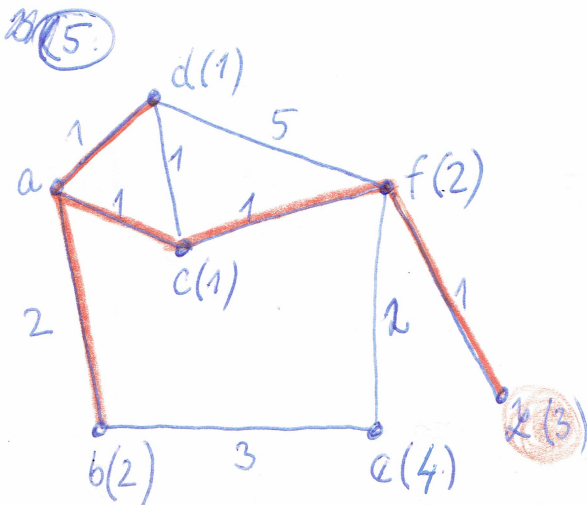
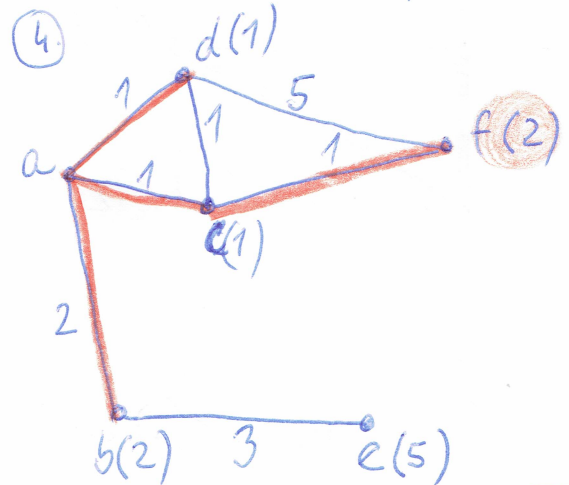
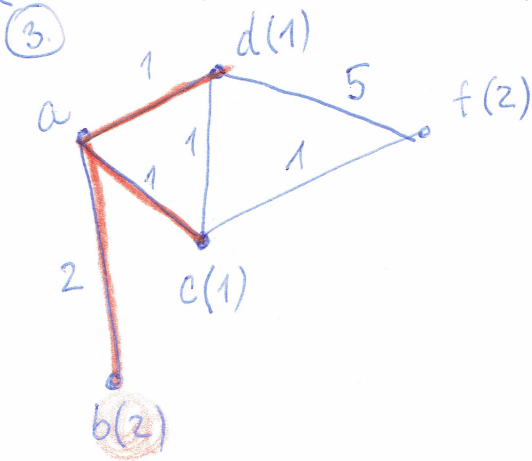


2. krok: pridám hrany z "c", vyberiem min.

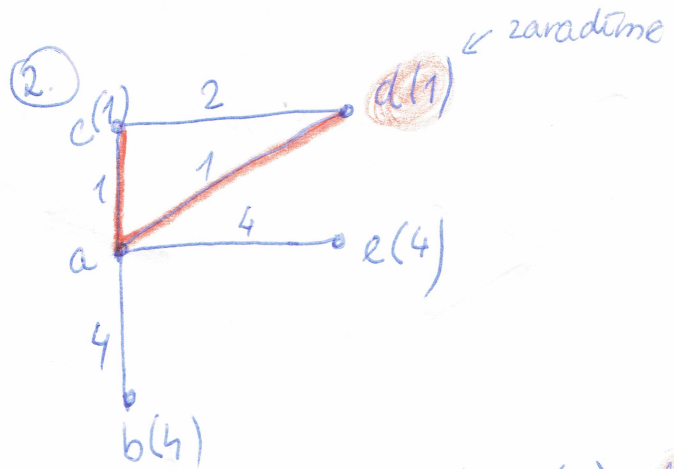
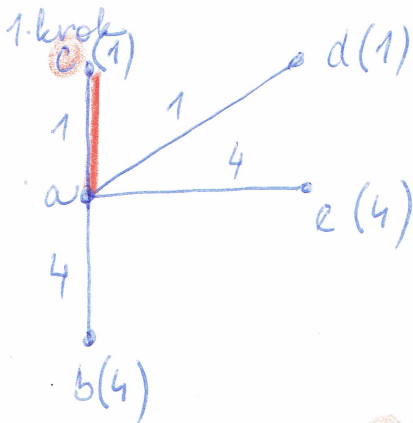
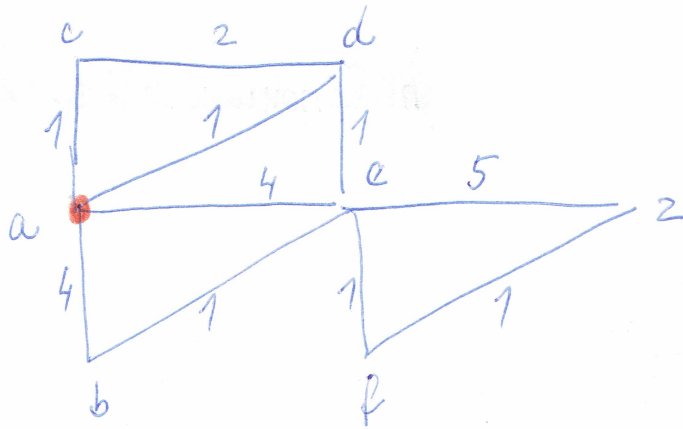


ak je min. cesta viac  $\Rightarrow$  hociktorú

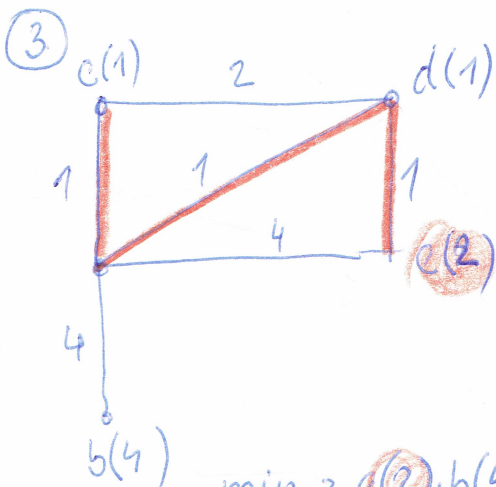
{ v zátvorke je za cenu cesty do vrcholov - doniaľ nájdená }



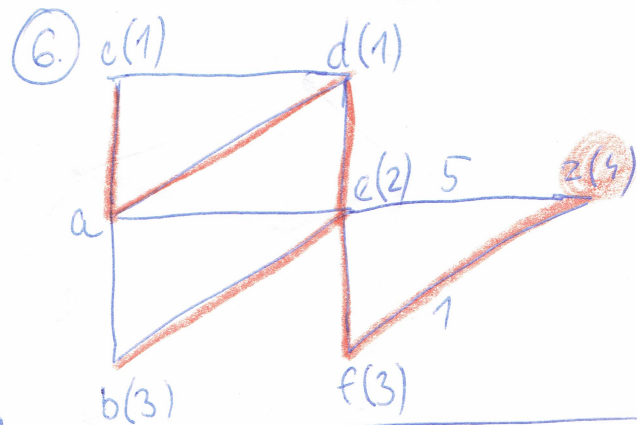
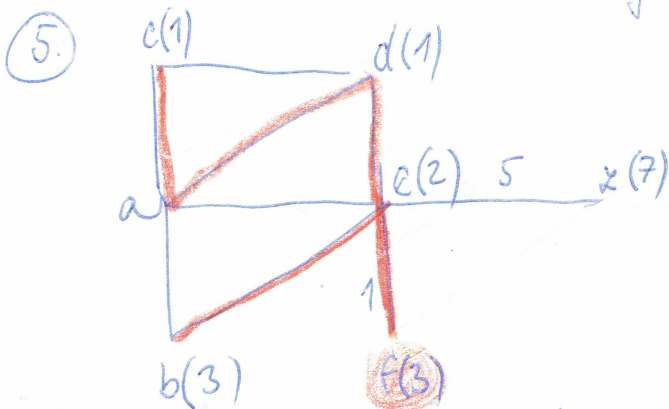
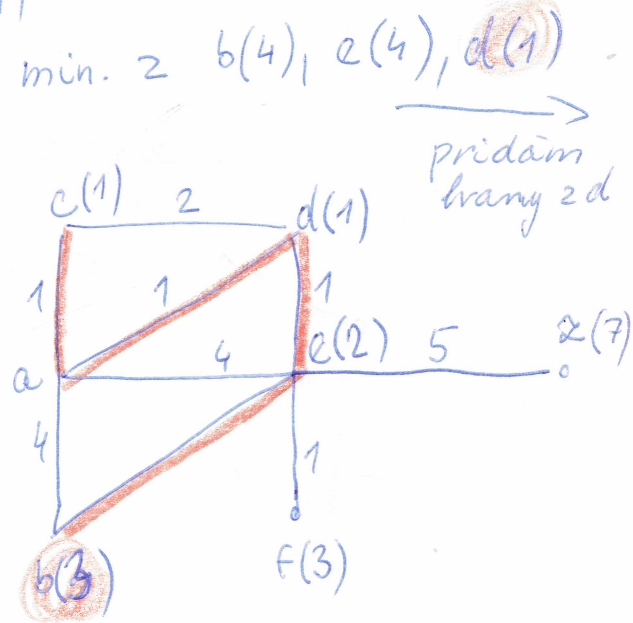
① b) Dijkstra - najdiťte najlacnejšiu cestu z „a“ do „z“



minimum z c(1), d(1), b(4), e(4) → min. z b(4), e(4), d(1)



4.



pridám hrany z f →

Cena z „a“ do „z“ je 4