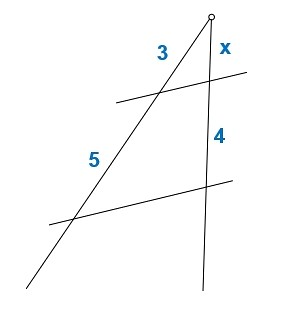
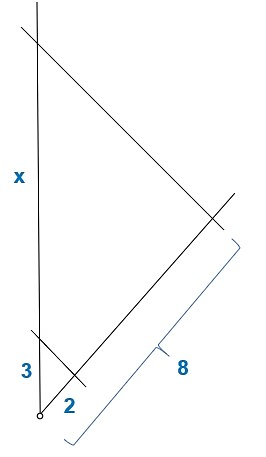
**Nastavni listić**

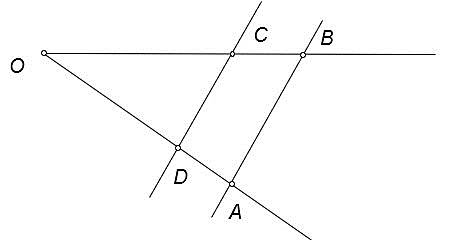
1. Krakovi kuta presječeni su usporednim pravcima. Odredite nepoznatu duljinu *x*.



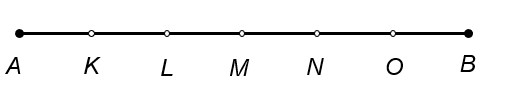
a) b)

2. Neka je . Zadano je ,  ,  i . Odredite duljine

dužina  i .



3. Nacrtana je dužina  koja je točkama *K, L, M, N,*  i *O* podijeljena na šest jednakih dijelova.



a) Odredite omjere:





b) Koja od navedenih točaka dijeli dužinu  u omjeru 2 : 1?

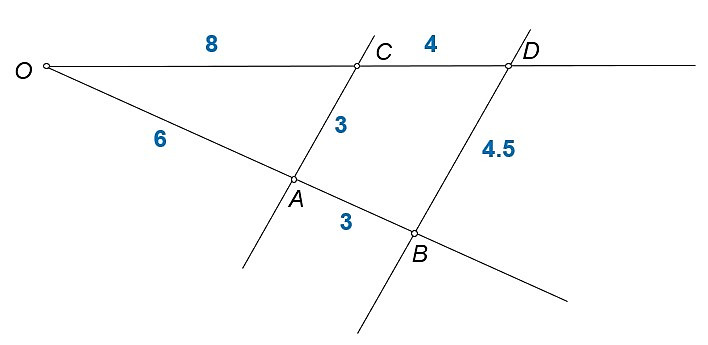
4. Nacrtajte dužinu  duljine 6.4 cm, a zatim je bez mjerenja podijelite:

a) na 5 jednakih dijelova b) točkom *T* u omjeru 6 : 1

5. Konstruirajte pravilan šesterokut opsega 11 cm.

6. Zadana je dužina  duljine 7.6 cm. Konstruirajte kvadrat čija je stranica duljine .

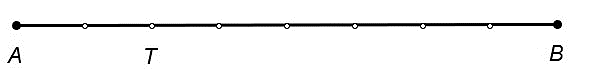
**Dopunski zadatci**

1. Krakovi kuta presječeni su usporednim pravcima.

Odredite omjere:

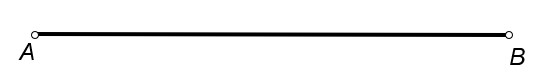
a)  b)  c) 

d)  e)  f) 

2. Dužina  podijeljena je na osam jednakih dijelova. U kojem su omjeru dužine  i ?

3. Nacrtanu dužinu  bez mjerenja podijelite na 3 jedna dijela.



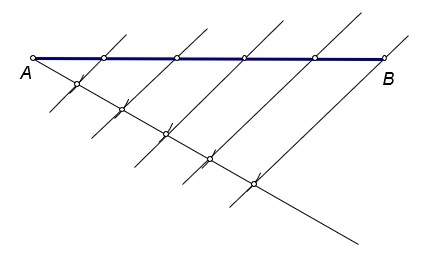
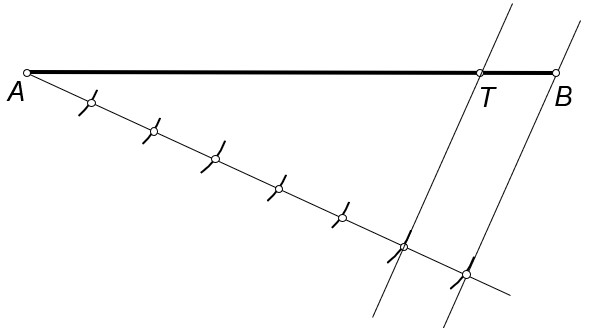
4. Nacrtanu dužinu  bez mjerenja podijelite točkom *T* u omjeru 5 : 2.

**Rješenja nastavnog listića**

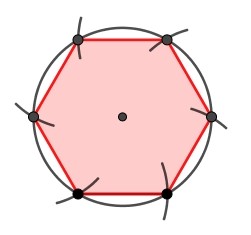
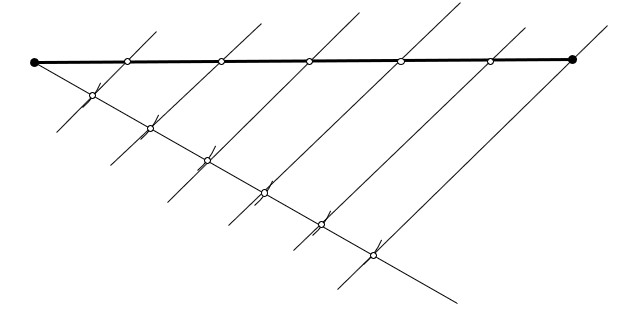
1. a) x = 2.4, b) x = 9

2. , 

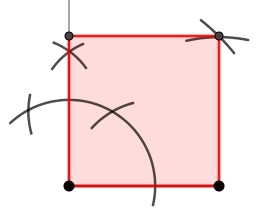
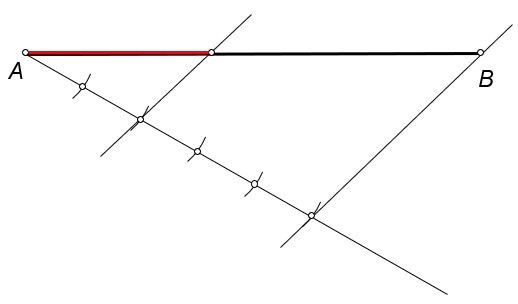
3. a) , , b) točka *N*



4. a) b)



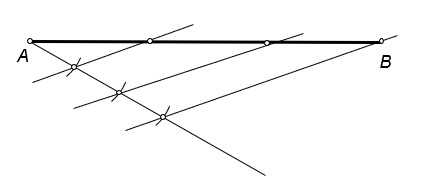
5.



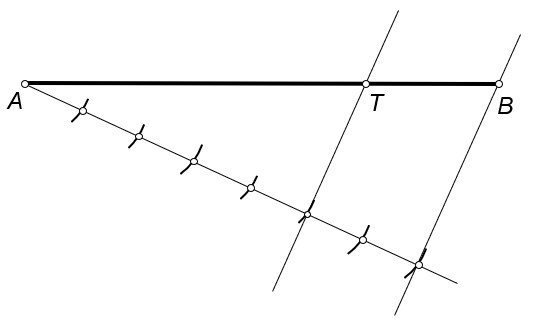
6.

**Rješenja dopunskih zadataka**

1. a) 2 : 1, b) 3 : 4, c) 2 : 3, d) 2 : 1, e) 3 : 4, f) 2 : 3

2. 1 : 3

3.



4.