

16. ožujka 2016. od 9:00 do 11:00



Državno natjecanje / Osnovna škola (7. razred)
Algoritmi (Logo)

SLUŽBENI TEST PRIMJERI

Zadatak 1: Droid

30 bodova

	Primjer	Slika	Bodovi
Test 1	CS RT 45 FD 100 DROID 50 0	Slika 1.1	3
Test 2	CS DROID 100 0	Slika 1.2	3
Test 3	CS DROID 150 0	Slika 1.3	3
Test 4	CS RT 45 FD 100 DROID 0 50	Slika 1.4	3
Test 5	CS DROID 0 100	Slika 1.5	3
Test 6	CS DROID 0 150	Slika 1.6	3
Test 7	CS RT 45 FD 100 DROID 100 100	Slika 1.7	3
Test 8	CS DROID 50 50	Slika 1.8	3
Test 9	CS DROID 20 100	Slika 1.9	3
Test 10	CS DROID 100 20	Slika 1.10	3

Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Zadatak 2: Cvijet

40 bodova

	Primjer	Slika	Bodovi
Test 1	CS CVIJET 1 100 100 0	Slika 2.1	4
Test 2	CS CVIJET 5 100 100 0	Slika 2.2	4
Test 3	CS CVIJET 10 100 30 0	Slika 2.3	4
Test 4	CS CVIJET 7 100 80 0	Slika 2.4	4
Test 5	CS CVIJET 2 100 100 50	Slika 2.5	4
Test 6	CS CVIJET 6 80 120 10	Slika 2.6	4
Test 7	CS CVIJET 10 100 60 20	Slika 2.7	4
Test 8	CS CVIJET 4 100 100 103	Slika 2.8	4
Test 9	CS CVIJET 19 80 120 100	Slika 2.9	4
Test 10	CS CVIJET 10 10 100 15	Slika 2.10	4

Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Zadatak 3: Jezera

60 bodova

	Primjer	Slika	Bodovi
Test 1	CS JEZERA [[0 0] [50 100] [100 -30]]	Slika 3.1	6
Test 2	CS JEZERA [[0 0] [50 50] [100 50] [150 0] [200 -30]]	Slika 3.2	6
Test 3	CS JEZERA [[150 -200] [-70 -25] [70 220] [-100 -100] [80 250] [90 300] [-30 200]]	Slika 3.3	6
Test 4	CS JEZERA [[400 0] [100 80] [50 50] [250 90] [150 90] [0 0] [300 80] [350 50] [200 100]]	Slika 3.4	6
Test 5	CS JEZERA [[-50 -50] [0 0] [50 -100] [100 100] [150 0]]	Slika 3.5	6
Test 6	CS JEZERA [[-50 -50] [0 0] [50 -100] [100 100] [150 0] [200 100] [250 120] [300 0] [350 100] [370 -50]]	Slika 3.6	6
Test 7	CS JEZERA [[50 100] [0 30] [120 -20] [200 200] [250 100] [300 20] [350 0] [400 150] [60 70] [420 20] [450 300] [500 100] [-50 100] [-100 120] [-160 100] [-200 0] [-250 50] [-300 0]]	Slika 3.7	6
Test 8	CS JEZERA [[-239 18] [-106 119] [-14 -114] [-220 106] [-65 -14] [131 -190] [-170 55] [2 54] [-189 -51] [-194 -1] [3 -103] [26 -263] [-190 82] [28 -96] [51 -40]]	Slika 3.8	6
Test 9	CS JEZERA [[-200 -200] [300 -200] [221 270] [164 -62] [57 217] [-185 239] [80 49] [-29 110] [-63 31] [-98 38] [12 -144] [46 1] [-96 131] [131 95] [-78 -229] [-150 -20] [-105 98]]	Slika 3.9	6
Test 10	CS JEZERA [[77 -70] [185 -104] [-218 121] [300 0] [98 323] [-286 8] [246 -36] [-105 77] [-125 193] [161 24] [-150 202] [-119 148] [-103 109] [121 -30] [3 32] [-97 15] [132 118] [62 81] [256 90] [-142 47] [119 -82]]	Slika 3.10	6

Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Zadatak 4: Vatromet

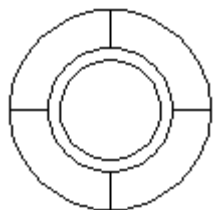
70 bodova

	Primjer	Slika	Bodovi
Test 1	CS VATROMET 0 3 0 [1 100]	Slika 4.1	7
Test 2	CS VATROMET 50 3 -30 [3 100]	Slika 4.2	7
Test 3	CS VATROMET 10 3 15 [11 50]	Slika 4.3	7
Test 4	CS VATROMET 50 7 90 [3 100]	Slika 4.4	7
Test 5	CS FD 100 VATROMET 70 5 30 [5 100]	Slika 4.5	7
Test 6	CS VATROMET 20 5 45 [3 100 [2 30]]	Slika 4.6	7
Test 7	CS VATROMET 40 10 -15 [2 100 [2 30]]	Slika 4.7	7
Test 8	CS VATROMET 2 4 45 [10 30 [5 20 [3 10]]]	Slika 4.8	7
Test 9	CS VATROMET 50 5 -90 [1 200 [1 100 [1 50]]]	Slika 4.9	7
Test 10	CS FD 100 VATROMET 50 11 45 [1 100 [2 100 [1 50 [1 5]]]]	Slika 4.10	7

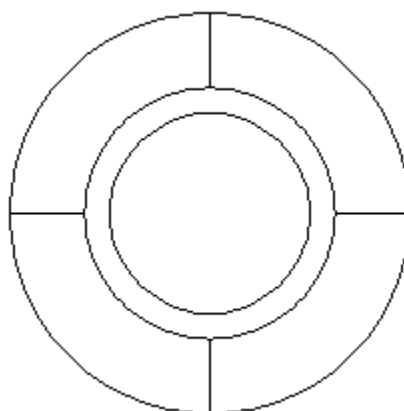
Napomena: Bodovi se dodjeljuju ako je lik ispravno nacrtan.

Slike 1: Droid

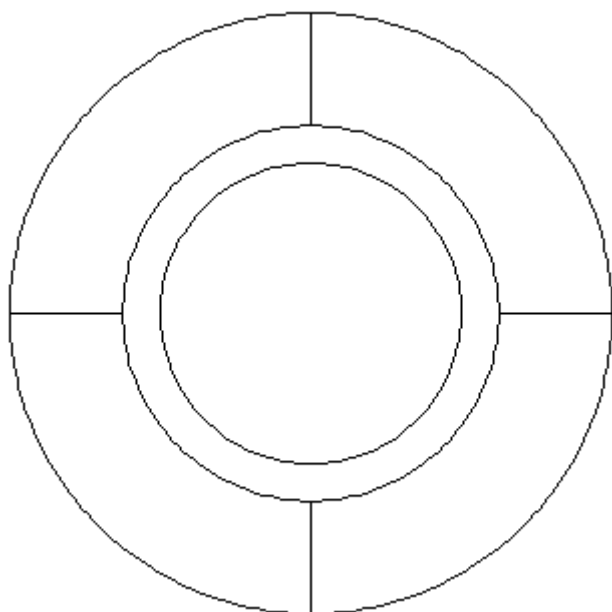
Slika 1.1



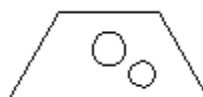
Slika 1.2



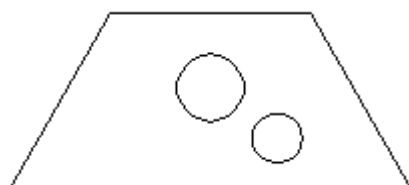
Slika 1.3



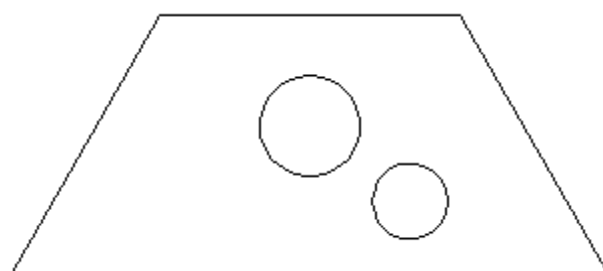
Slika 1.4



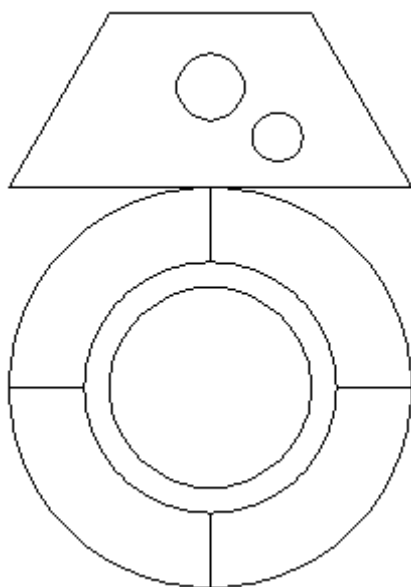
Slika 1.5



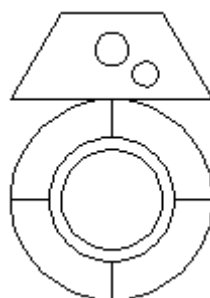
Slika 1.6



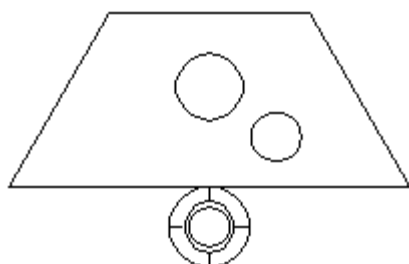
Slika 1.7



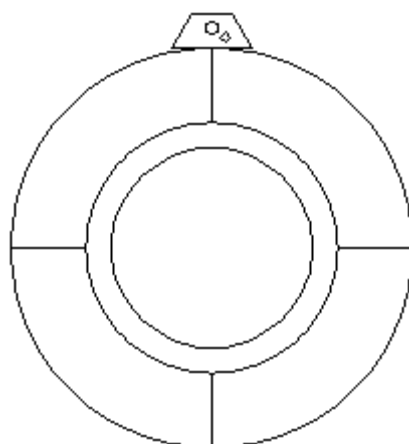
Slika 1.8



Slika 1.9

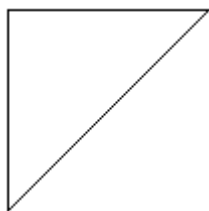


Slika 1.10

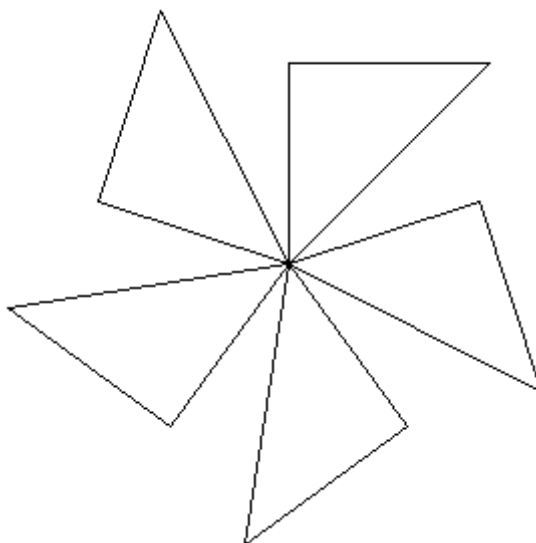


Slike 2: Cvijet

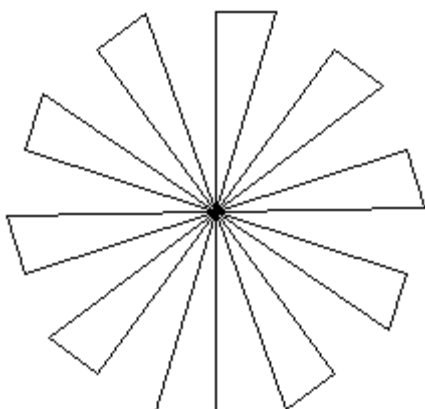
Slika 2.1



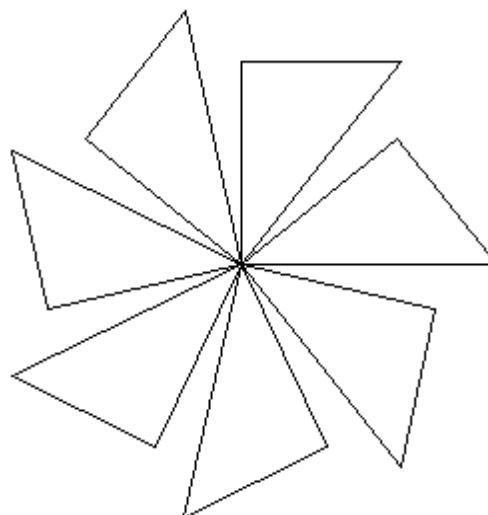
Slika 2.2



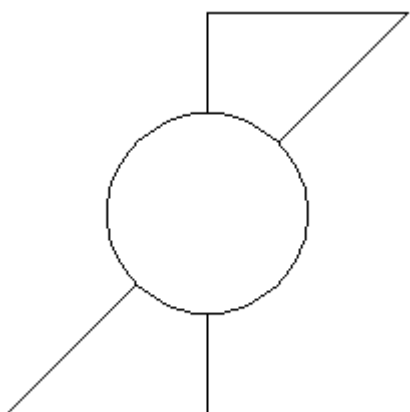
Slika 2.3



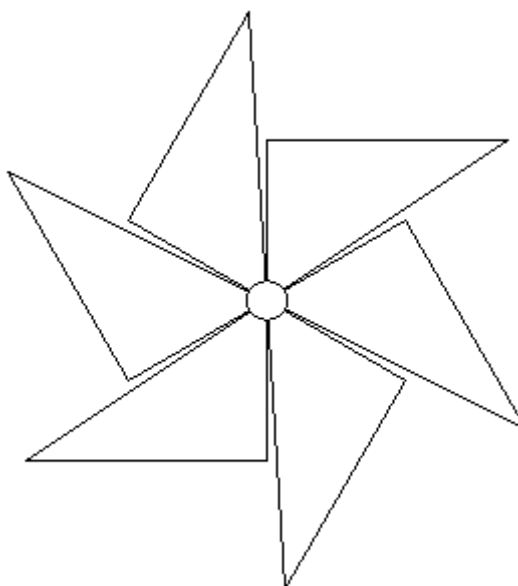
Slika 2.4



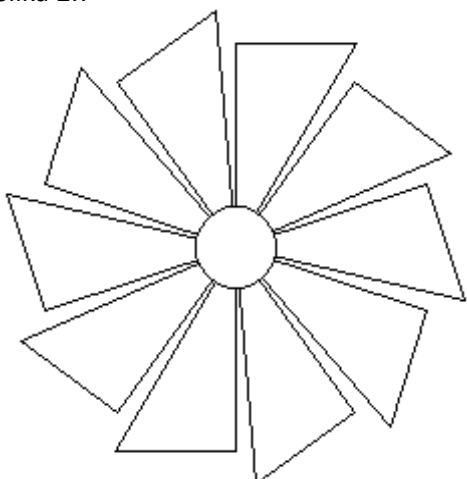
Slika 2.5



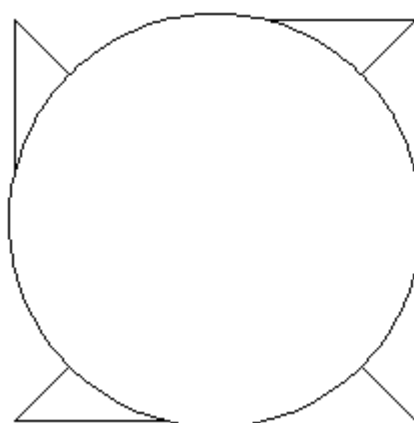
Slika 2.6



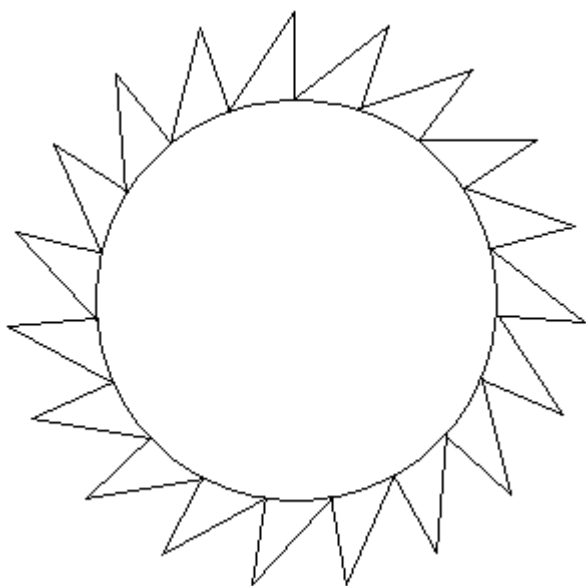
Slika 2.7



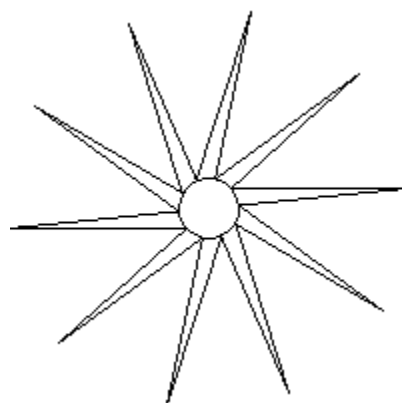
Slika 2.8



Slika 2.9

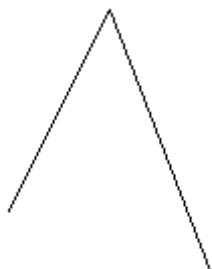


Slika 2.10

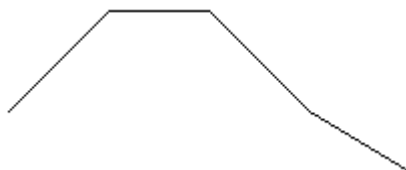


Slike 3: Jezera

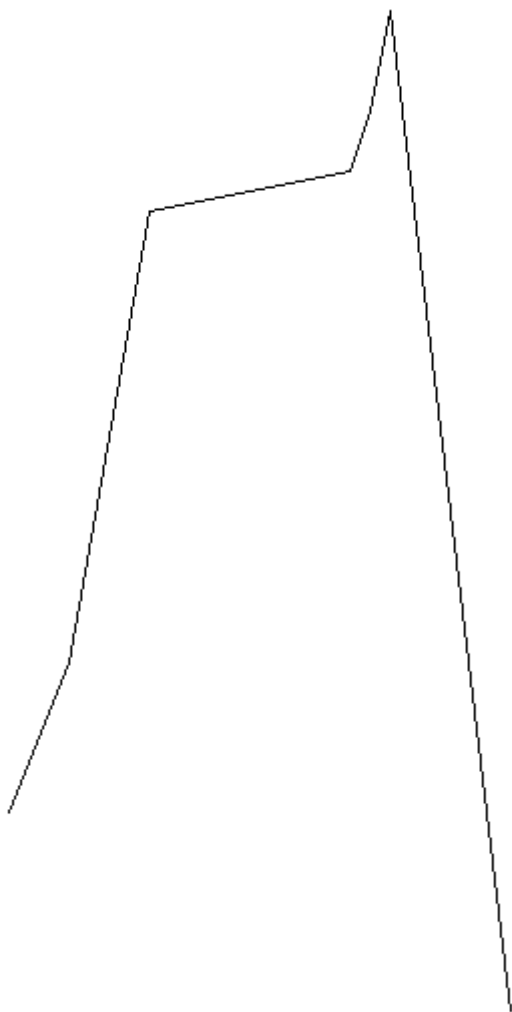
Slika 3.1



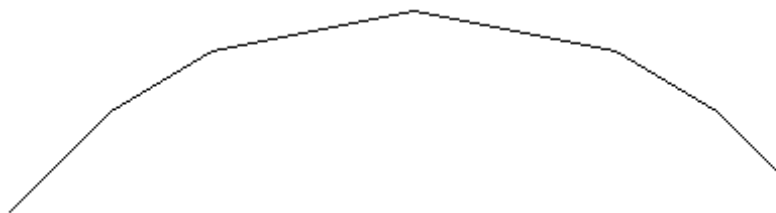
Slika 3.2



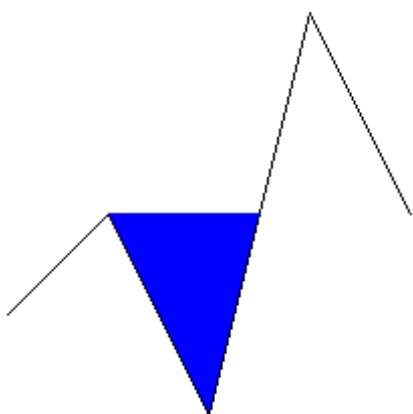
Slika 3.3



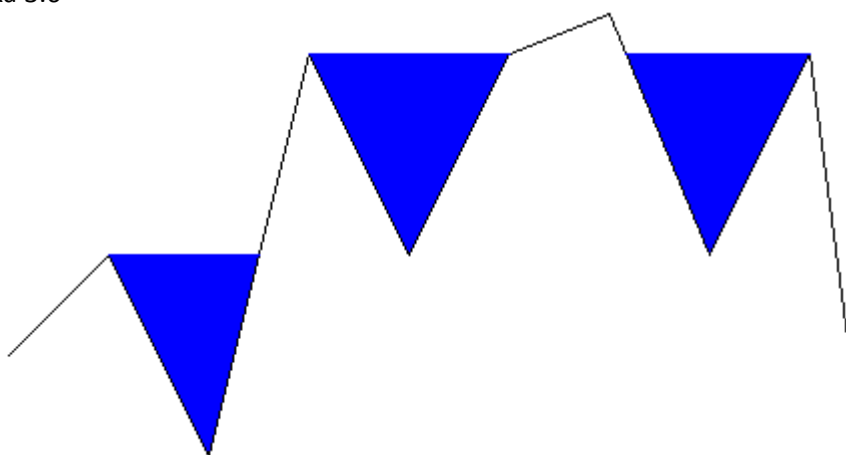
Slika 3.4



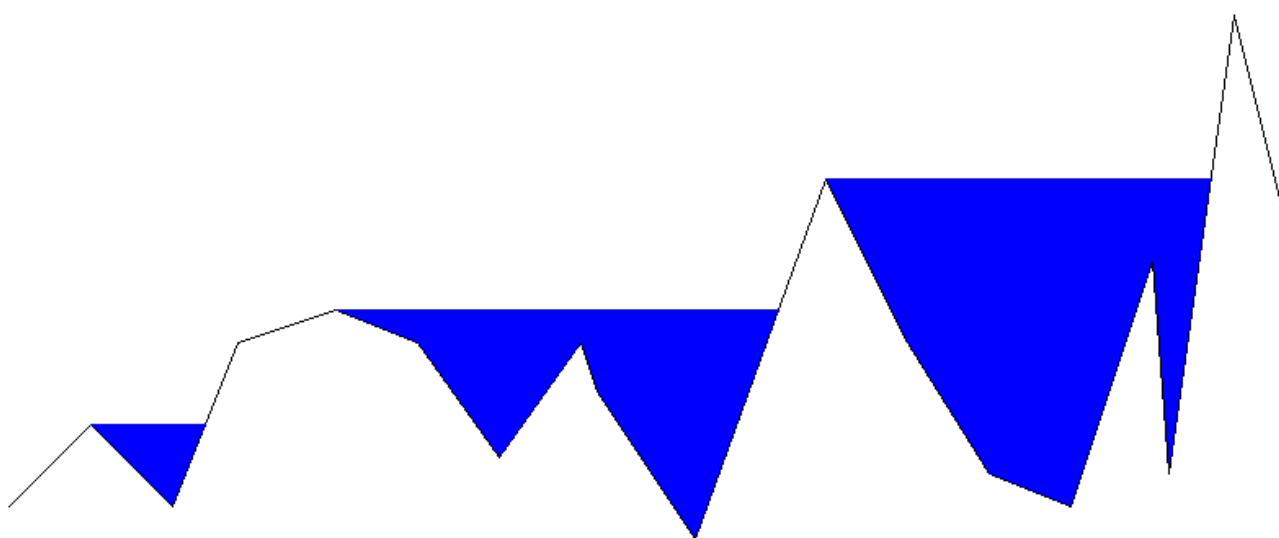
Slika 3.5



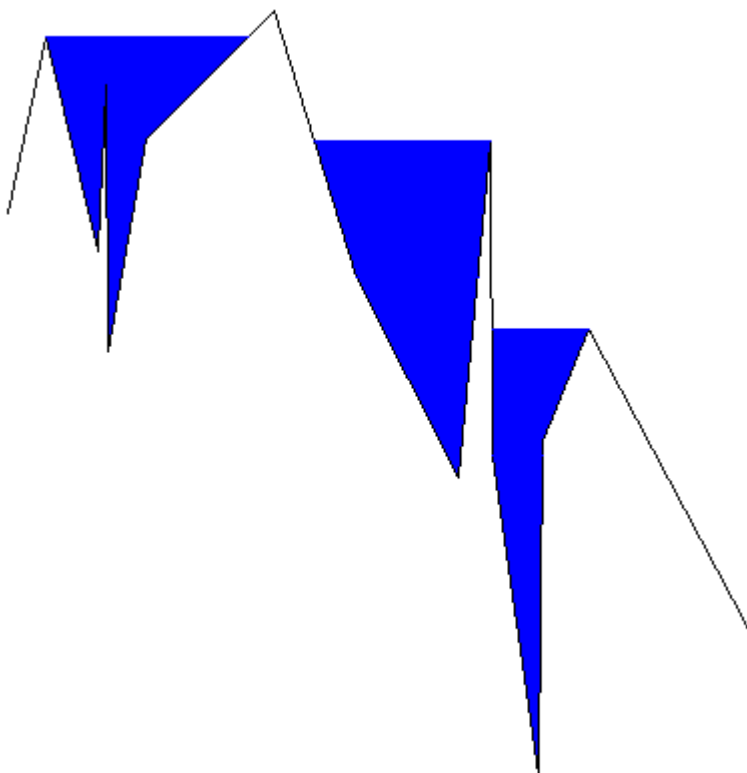
Slika 3.6



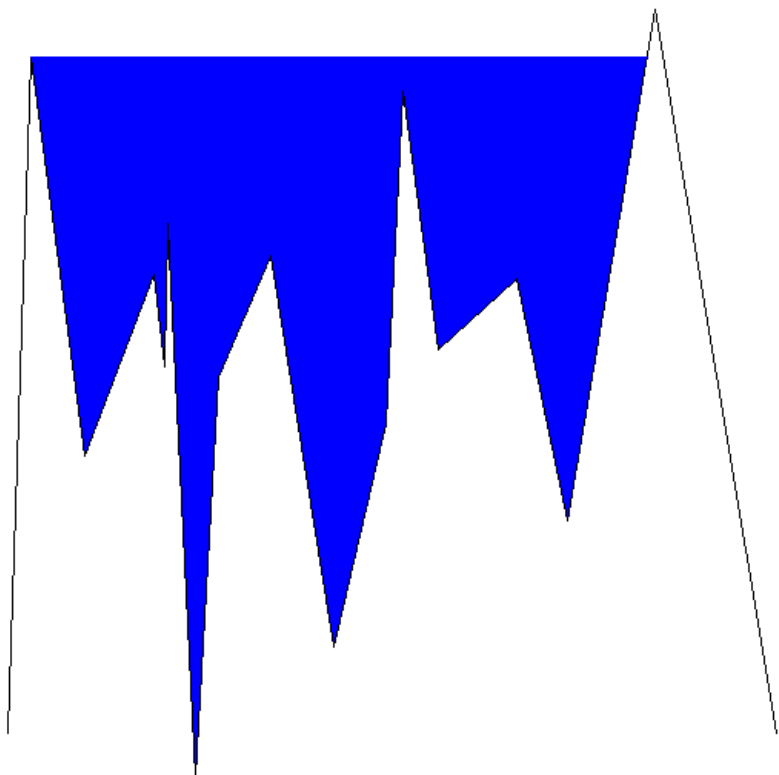
Slika 3.7



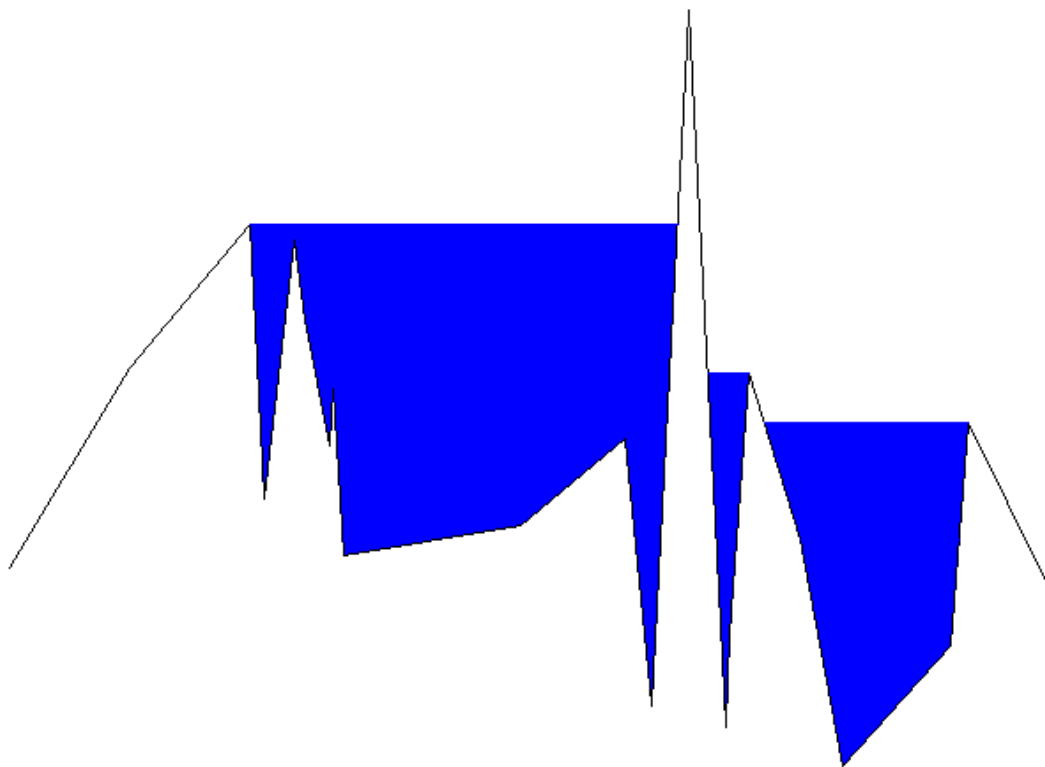
Slika 3.8



Slika 3.9



Slika 3.10



Slike 4: Vatromet

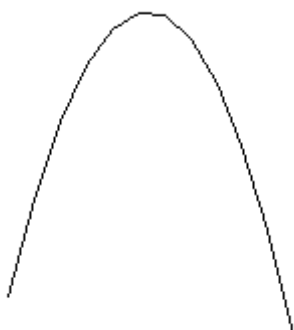
Slika 4.1



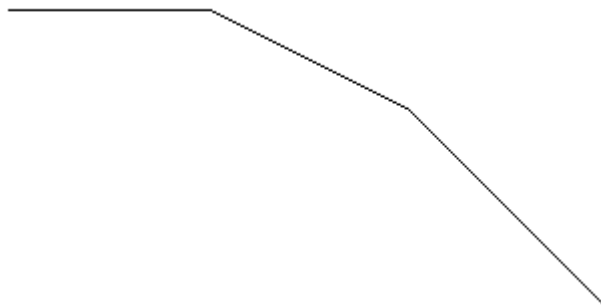
Slika 4.2



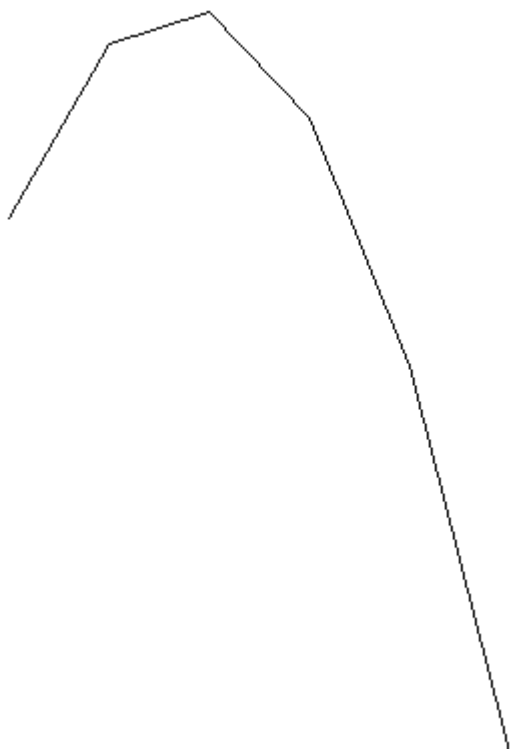
Slika 4.3



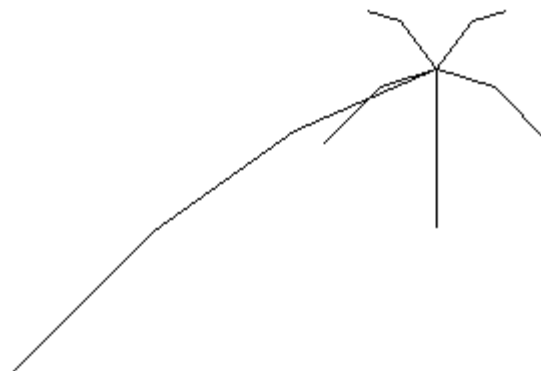
Slika 4.4



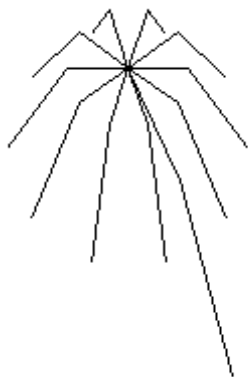
Slika 4.5



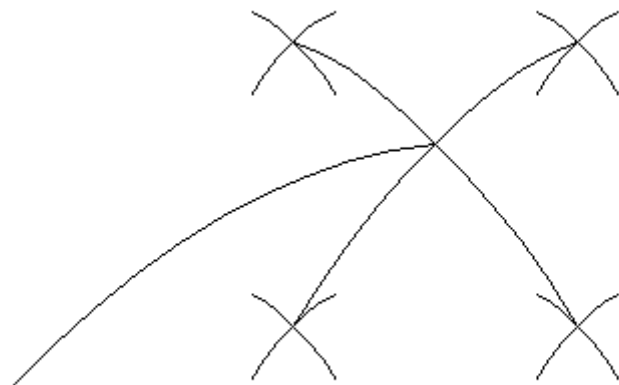
Slika 4.6



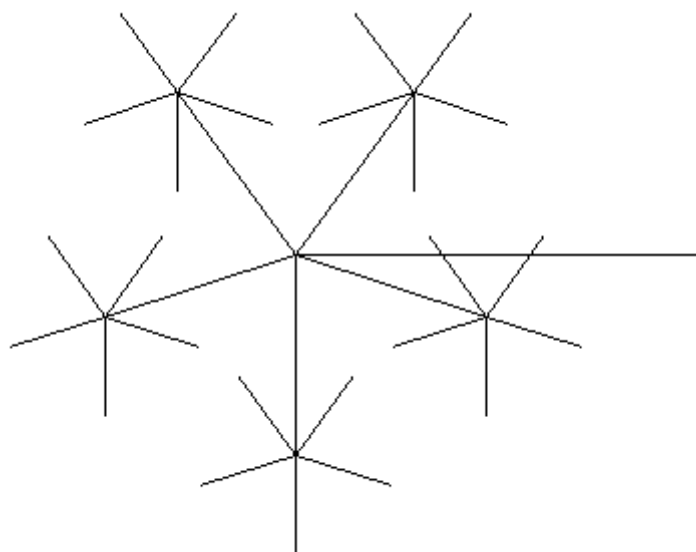
Slika 4.7



Slika 4.8



Slika 4.9



Slika 4.10

