

15. ožujka 2017. od 09:00 do 11:00

2017  natjecanje iz informatike
Državno

Državno natjecanje / Osnovna škola (5. razred)
Algoritmi (Logo)

SLUŽBENI TEST PODACI



Agencija za odgoj i obrazovanje
Education and Teacher Training Agency



HRVATSKI SAVEZ
INFORMATIČARA



Ministarstvo znanosti,
obrazovanja i sporta



HRVATSKA
ZAJEDNICA
TEHNIČKE
KULTURE

Zadatak 1: Moo

30 bodova

	Primjer	Slika	Bodovi
Test 1	CS MOO 100 0 0	Slika 1.1	6
Test 2	CS MOO 200 0 0	Slika 1.2	6
Test 3	CS MOO 50 300 0	Slika 1.3	6
Test 4	CS MOO 250 50 0	Slika 1.4	6
Test 5	CS MOO 150 250 100	Slika 1.5	6

Napomena: bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

Zadatak 2: Bohr

40 bodova

	Primjer	Slika	Bodovi
Test 1	CS BOHR 1 150 0	Slika 2.1	5
Test 2	CS BOHR 2 60 0	Slika 2.2	5
Test 3	CS BOHR 3 25 0	Slika 2.3	5
Test 4	CS BOHR 2 95 30	Slika 2.4	5
Test 5	CS BOHR 3 55 20	Slika 2.5	5
Test 6	CS BOHR 4 40 17	Slika 2.6	5
Test 7	CS BOHR 7 30 10	Slika 2.7	5
Test 8	CS BOHR 10 20 5	Slika 2.8	5

Napomena: bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

Zadatak 3: Mnogo

60 bodova

	Primjer	Slika	Bodovi
Test 1	CS MNOGO 5 3 100 0 0	Slika 3.1	5
Test 2	CS MNOGO 5 3 100 50 0	Slika 3.2	5
Test 3	CS MNOGO 5 3 100 50 20	Slika 3.3	5
Test 4	CS MNOGO 6 3 100 50 30	Slika 3.4	5
Test 5	CS MNOGO 4 20 50 30 30	Slika 3.5	5
Test 6	CS MNOGO 8 20 50 30 15	Slika 3.6	5
Test 7	CS MNOGO 5 4 70 30 30	Slika 3.7	5
Test 8	CS MNOGO 8 4 90 30 30	Slika 3.8	5
Test 9	CS MNOGO 10 5 50 10 15	Slika 3.9	5
Test 10	CS MNOGO 10 6 50 20 30	Slika 3.10	5
Test 11	CS MNOGO 15 5 50 20 30	Slika 3.11	5
Test 12	CS MNOGO 20 6 0 150 30	Slika 3.12	5

Napomena: bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

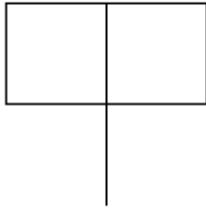
Zadatak 4: Sunce

70 bodova

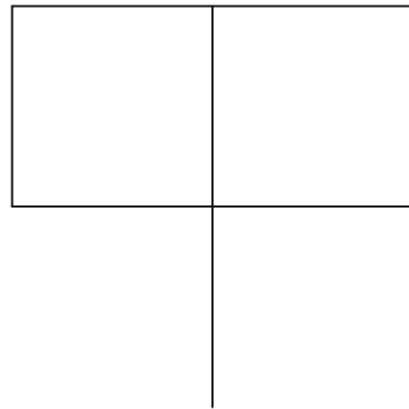
	Primjer	Slika	Bodovi
Test 1	CS SUNCE 4 0 100	Slika 4.1	10
Test 2	CS SUNCE 8 0 120	Slika 4.2	10
Test 3	CS SUNCE 3 50 150	Slika 4.3	10
Test 4	CS SUNCE 4 80 140	Slika 4.4	10
Test 5	CS SUNCE 7 50 180	Slika 4.5	10
Test 6	CS SUNCE 9 40 120	Slika 4.6	10
Test 7	CS SUNCE 12 60 150	Slika 4.7	10

Napomena: bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

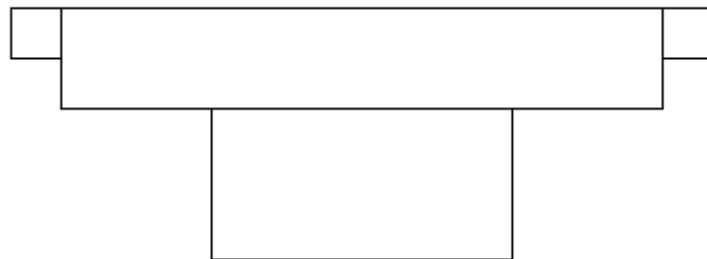
Slike 1: Moo



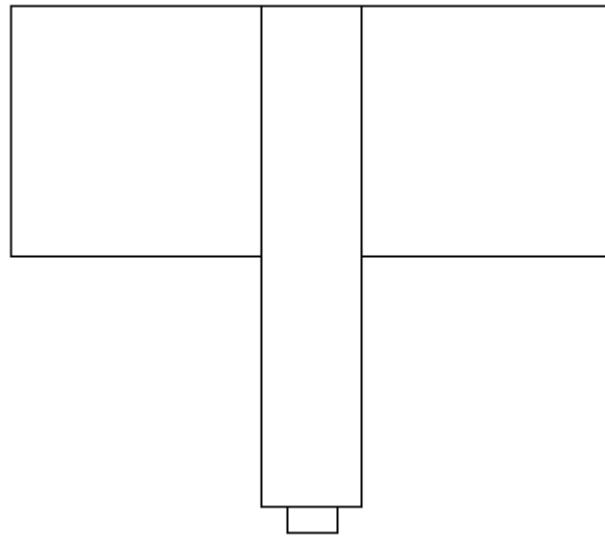
Slika 1.1



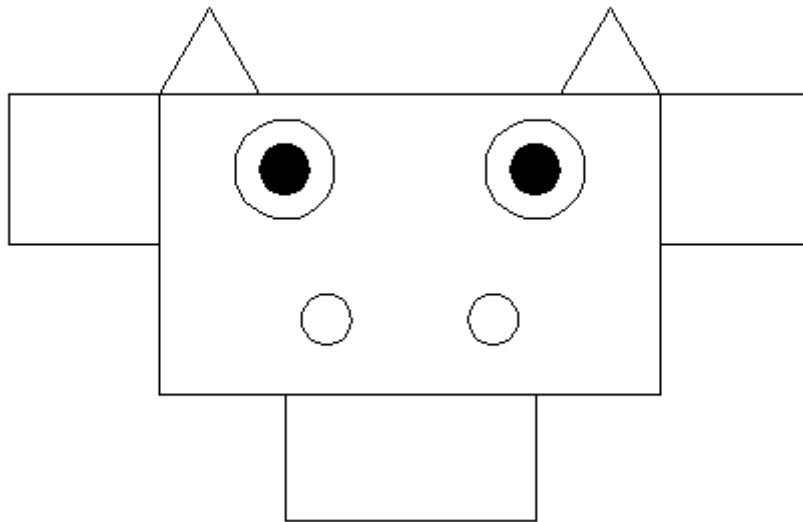
Slika 1.2



Slika 1.3

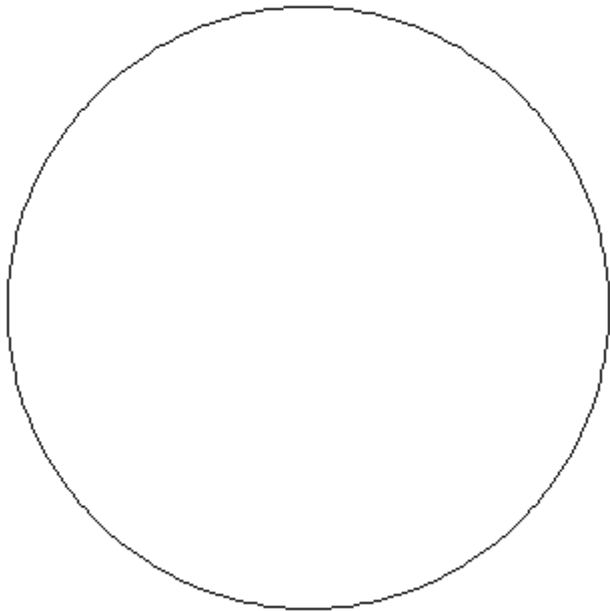


Slika 1.4

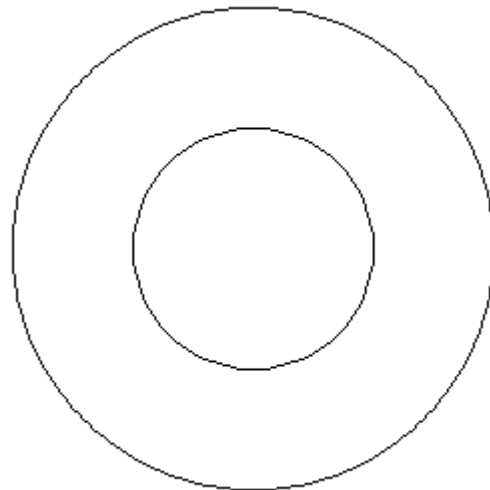


Slika 1.5

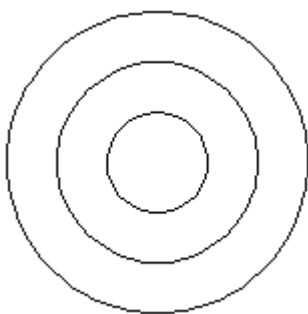
Slike 2: Bohr



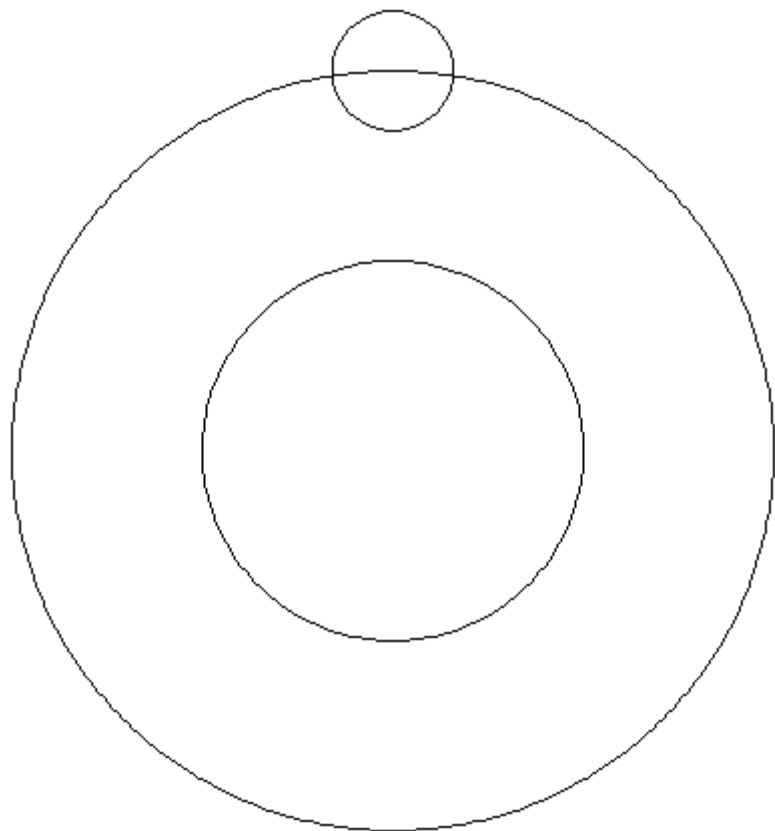
Slika 2.1



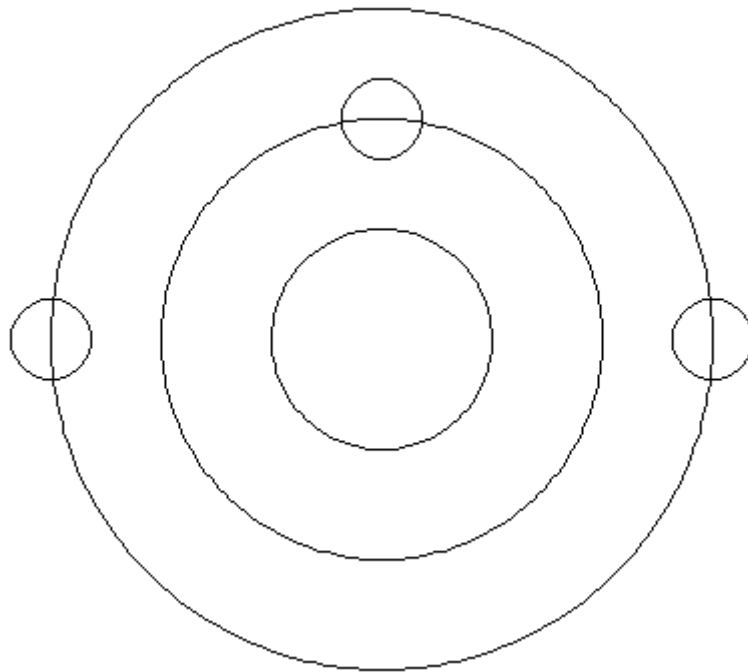
Slika 2.2



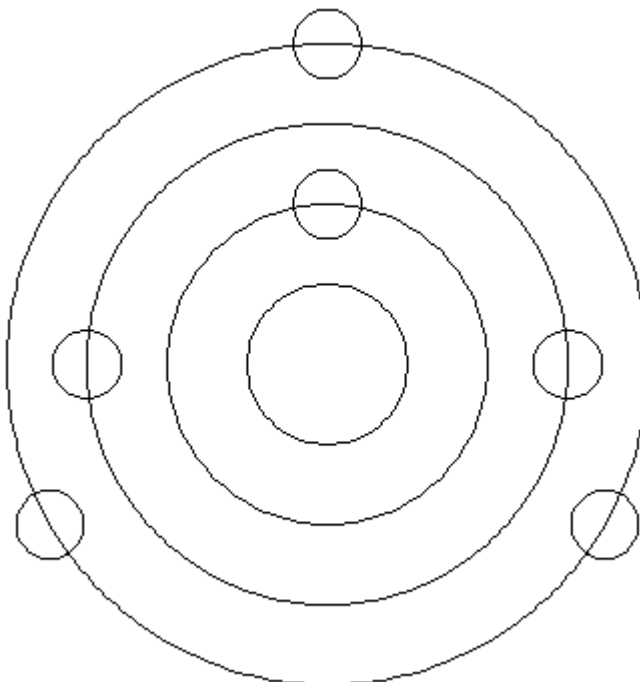
Slika 2.3



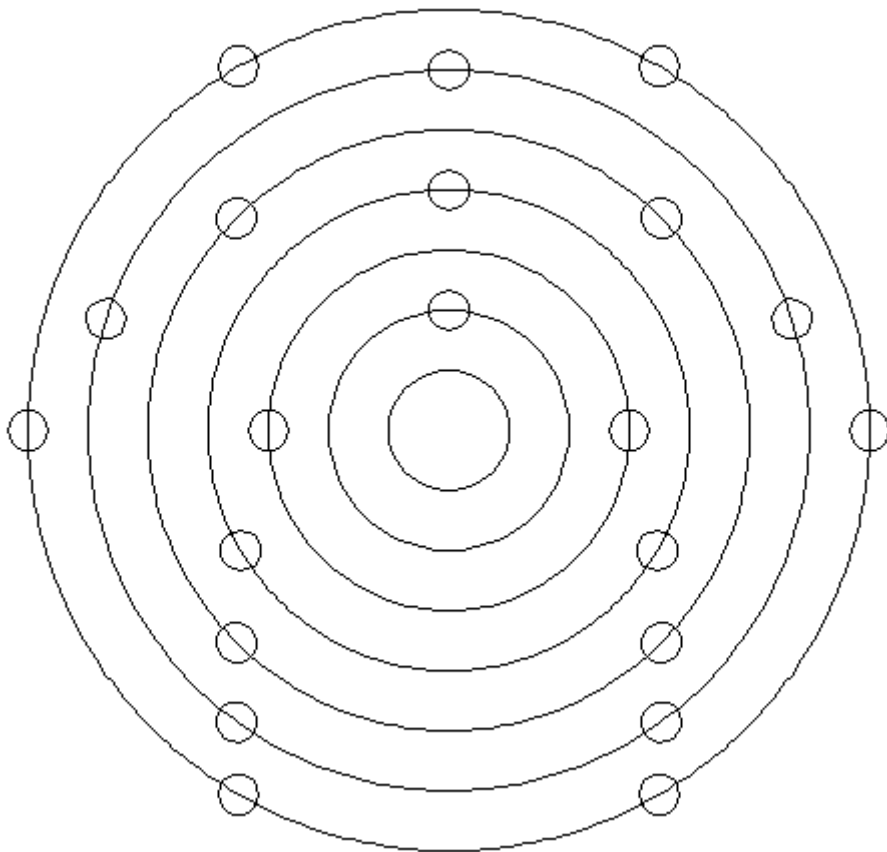
Slika 2.4



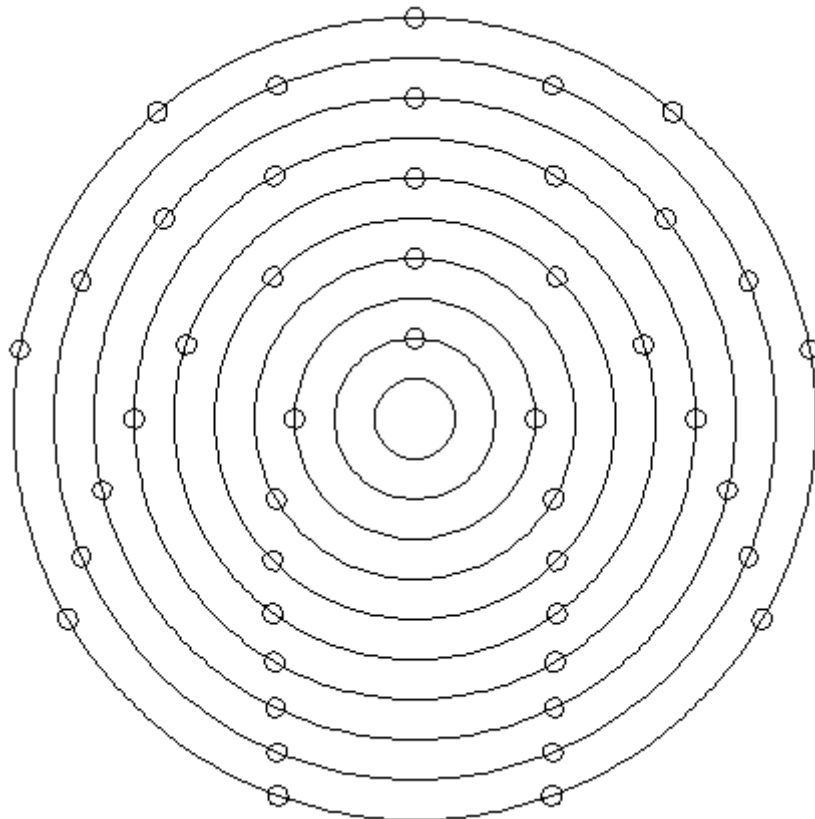
Slika 2.5



Slika 2.6

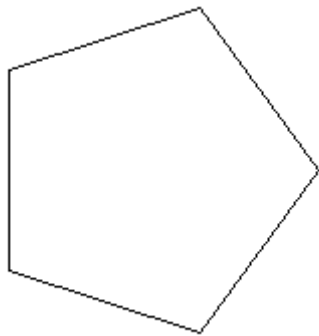


Slika 2.7

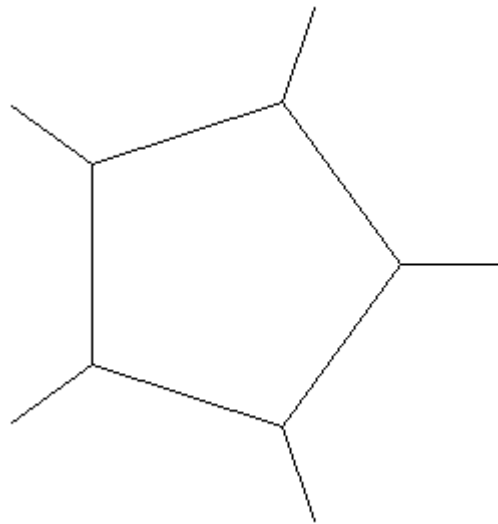


Slika 2.8

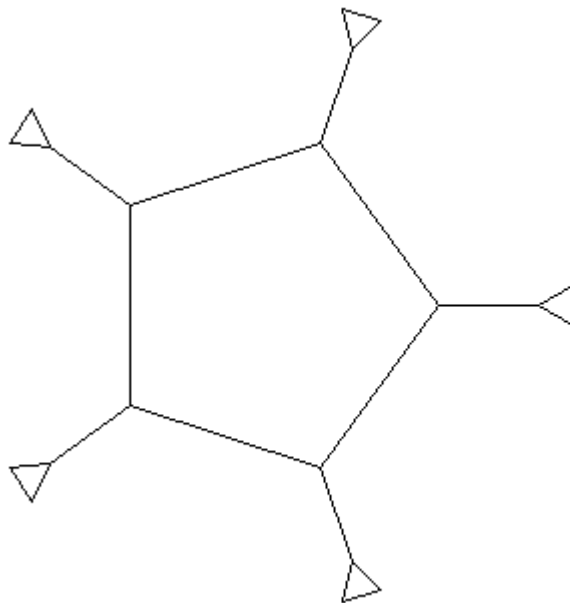
Slike 3: Mnogo



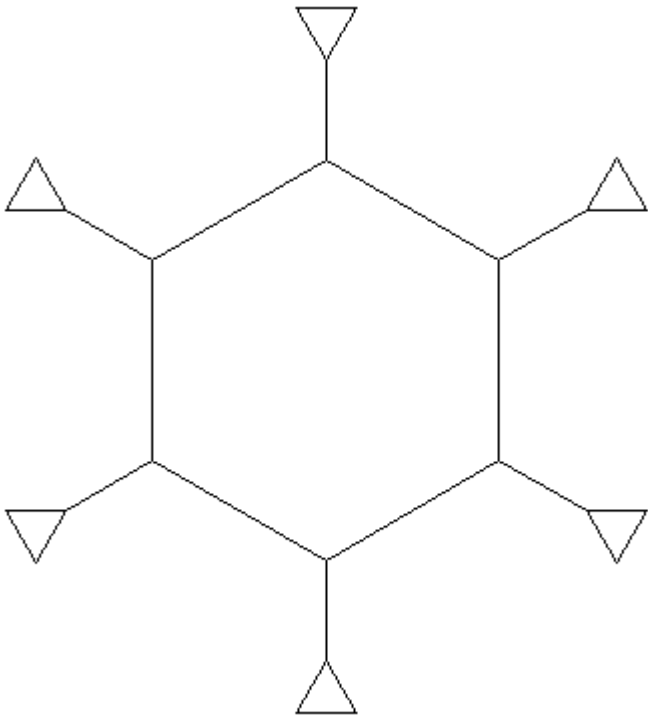
Slika 3.1



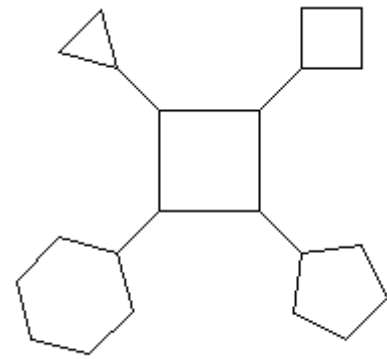
Slika 3.2



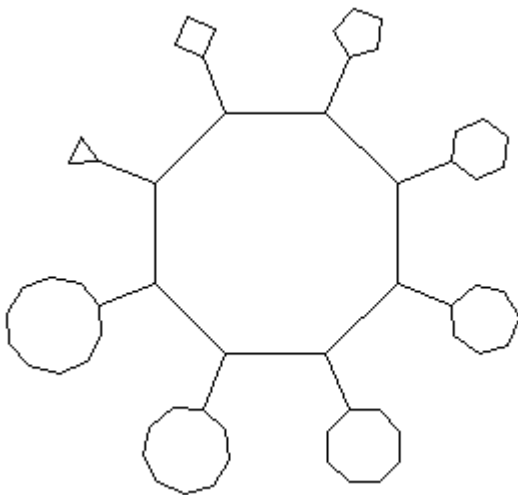
Slika 3.3



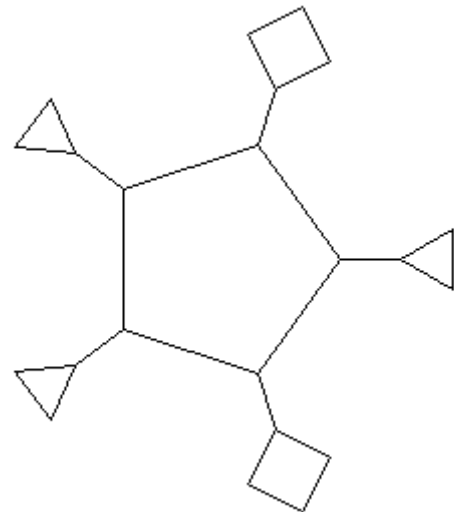
Slika 3.4



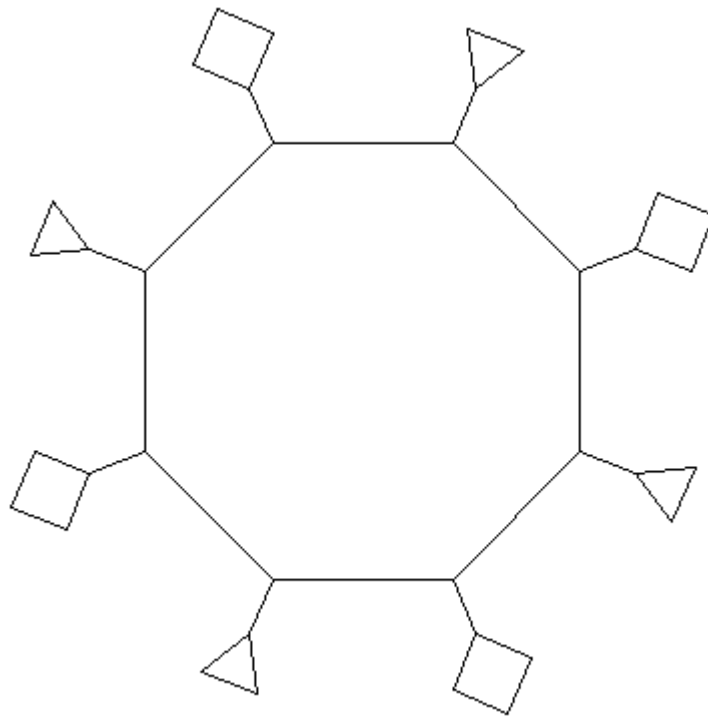
Slika 3.5



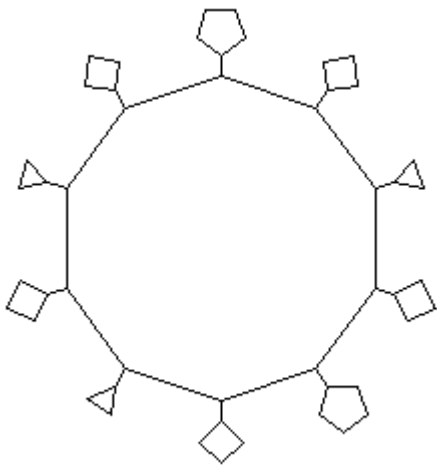
Slika 3.6



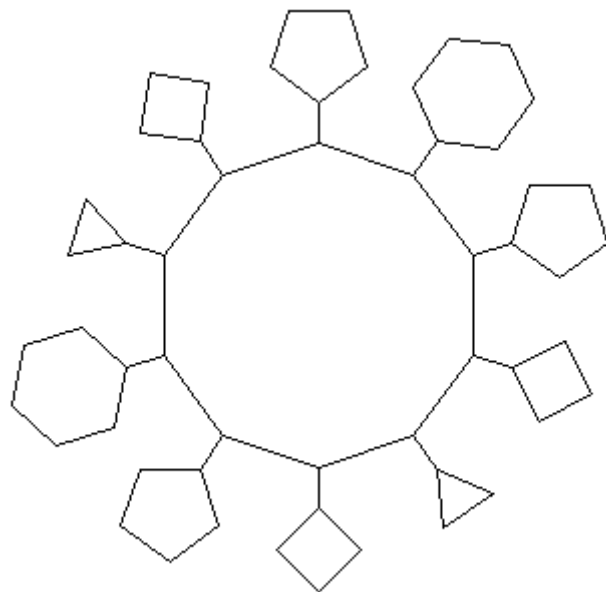
Slika 3.7



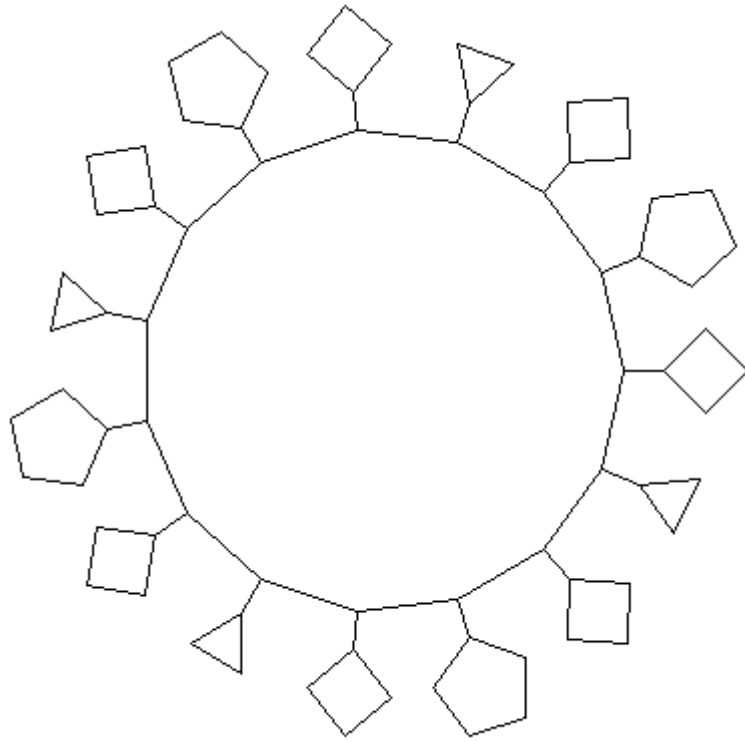
Slika 3.8



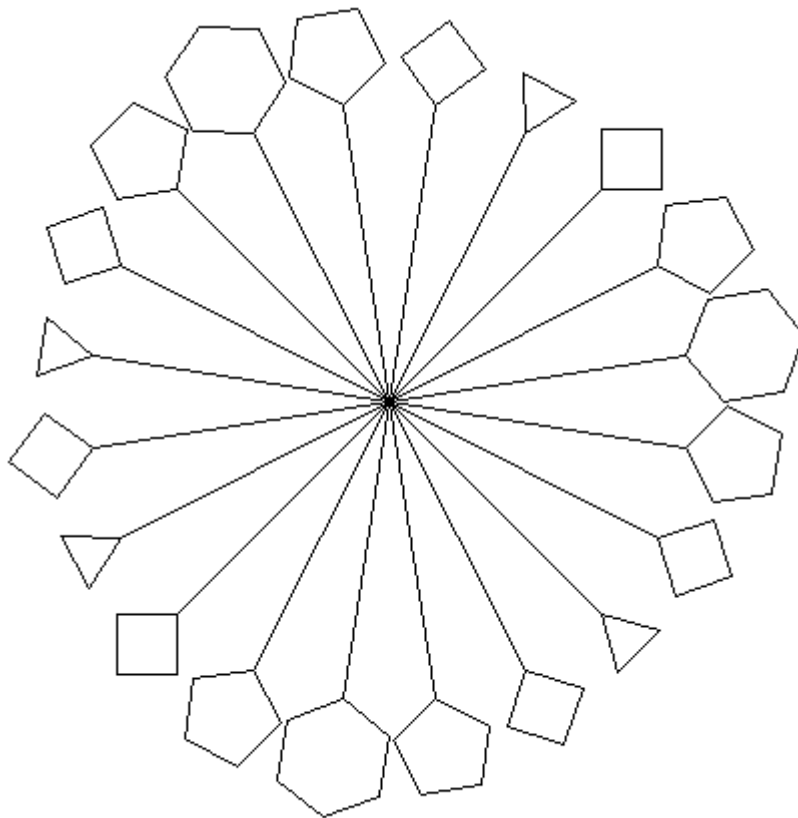
Slika 3.9



Slika 3.10

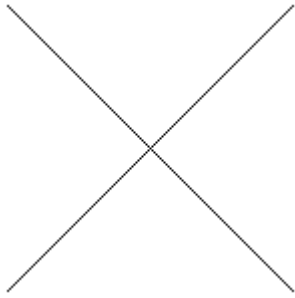


Slika 3.11

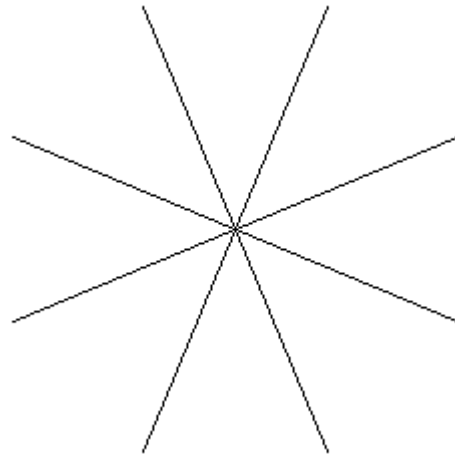


Slika 3.12

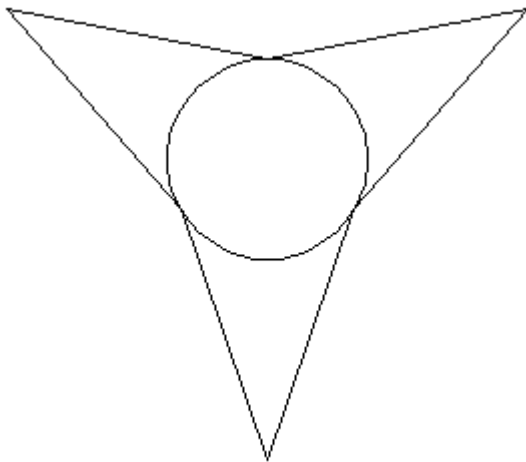
Slike 4: Sunce



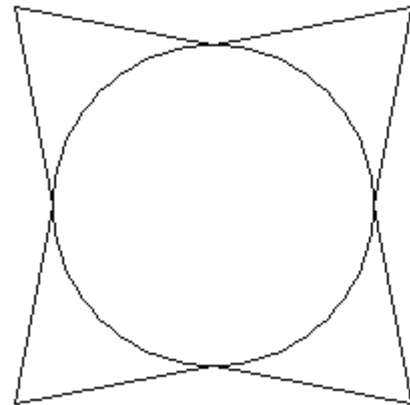
Slika 4.1



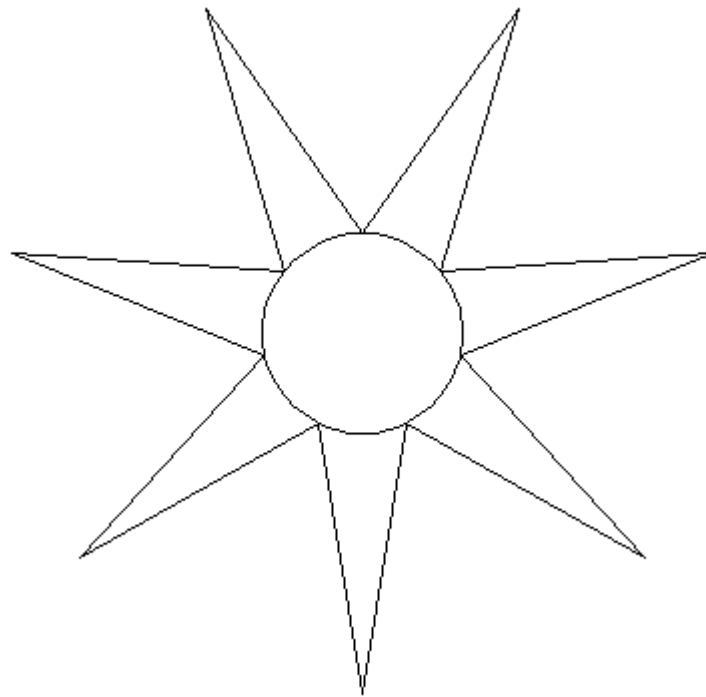
Slika 4.2



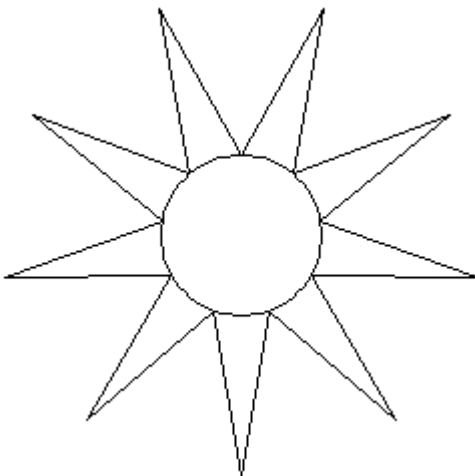
Slika 4.3



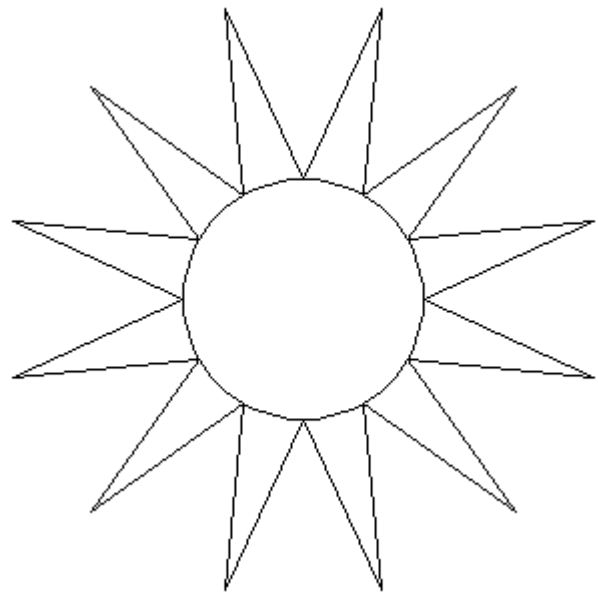
Slika 4.4



Slika 4.5



Slika 4.6



Slika 4.7