

19. siječnja 2017. od 09:00 do 11:00

2017  natjecanje iz informatike  
**Državno**

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

## SLUŽBENI TEST PRIMJERI



Agencija za odgoj i obrazovanje  
Education and Teacher Training Agency



HRVATSKI SAVEZ  
INFORMATIČARA



Ministarstvo znanosti,  
obrazovanja i sporta



HRVATSKA  
ZAJEDNICA  
TEHNIČKE  
KULTURE

## Zadatak 1: Olovka

40 bodova

	Primjer	Slika	Bodovi
Test 1	CS OLOVKA 0 50 0	Slika 1.1	8
Test 2	CS OLOVKA 0 100 0	Slika 1.2	8
Test 3	CS OLOVKA 100 20 0	Slika 1.3	8
Test 4	CS OLOVKA 100 20 10	Slika 1.4	8
Test 5	CS OLOVKA 50 50 30	Slika 1.5	8

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

## Zadatak 2: Prozor

50 bodova

	Primjer	Slika	Bodovi
Test 1	CS PROZOR 1 80 0	Slika 2.1	5
Test 2	CS PROZOR 2 50 0	Slika 2.2	5
Test 3	CS PROZOR 3 60 0	Slika 2.3	5
Test 4	CS PROZOR 5 50 0	Slika 2.4	5
Test 5	CS PROZOR 7 30 0	Slika 2.5	5
Test 6	CS PROZOR 9 25 0	Slika 2.6	5
Test 7	CS PROZOR 6 40 0	Slika 2.7	5
Test 8	CS PROZOR 2 70 20	Slika 2.8	5
Test 9	CS PROZOR 4 60 60	Slika 2.9	5
Test 10	CS PROZOR 6 40 30	Slika 2.10	5

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

## Zadatak 3: Vrtnja

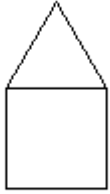
60 bodova

	Primjer	Slika	Bodovi
Test 1	CS VRTNJA 1 5 100 20 3	Slika 3.1	10
Test 2	CS VRTNJA 2 10 100 20 2	Slika 3.2	10
Test 3	CS VRTNJA 3 5 100 20 5	Slika 3.3	10
Test 4	CS VRTNJA 4 10 50 20 1	Slika 3.4	10
Test 5	CS VRTNJA 8 8 50 15 4	Slika 3.5	10
Test 6	CS VRTNJA 0 5 100 10 3 SETH 0 FD 100	Slika 3.6	10

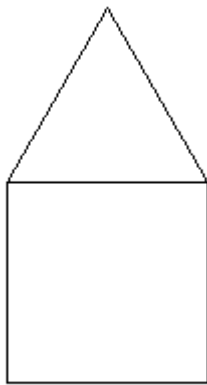
**Napomena:** bodovi se dodjeljuju ako je slika ispravno nacrtana i nije se pojavila nikakva greška.

# Slike 1: Olovka

Slika 1.1



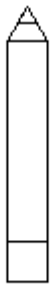
Slika 1.2



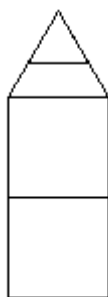
Slika 1.3



Slika 1.4

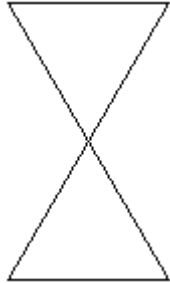


Slika 1.5

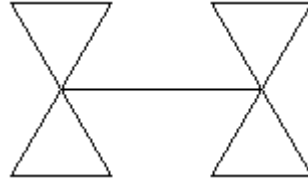


## Slike 2: Prozor

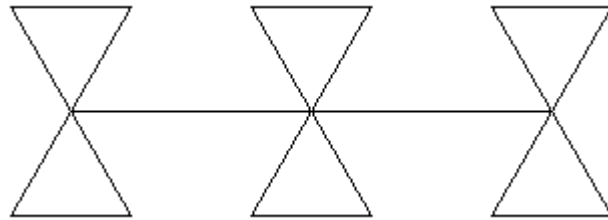
Slika 2.1



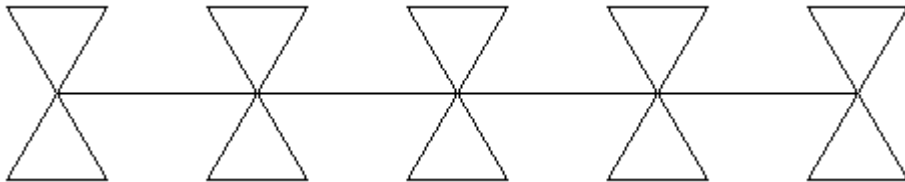
Slika 2.2



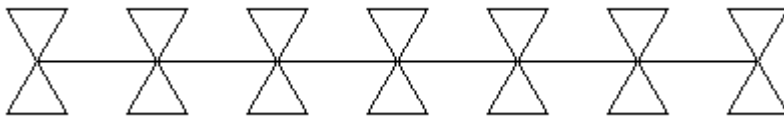
Slika 2.3



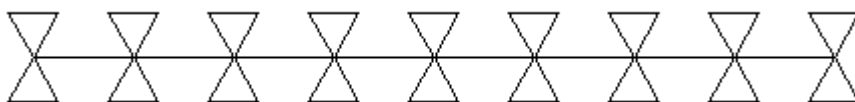
Slika 2.4



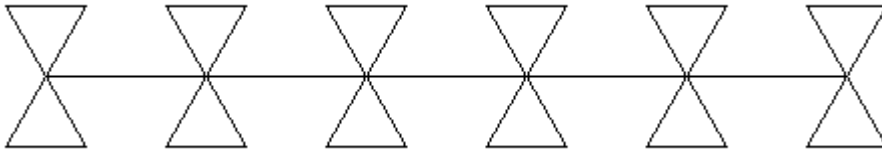
Slika 2.5



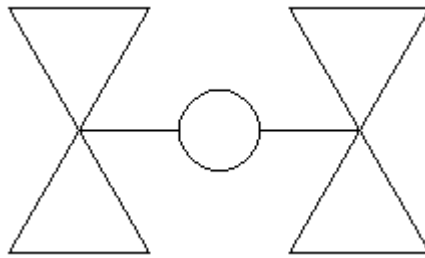
Slika 2.6



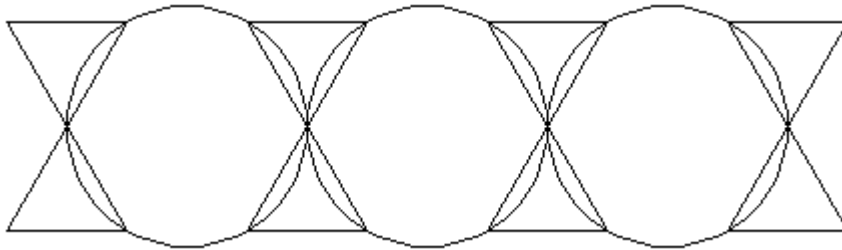
Slika 2.7



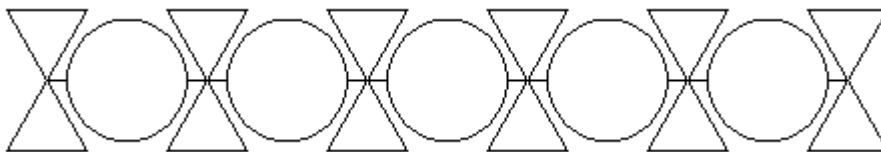
Slika 2.8



Slika 2.9

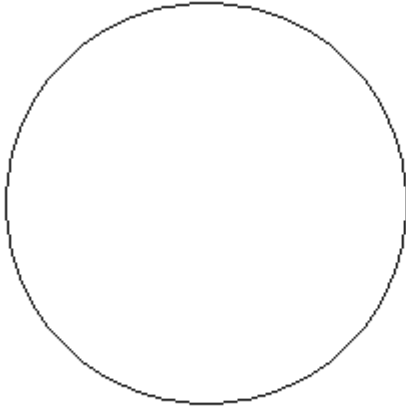


Slika 2.10

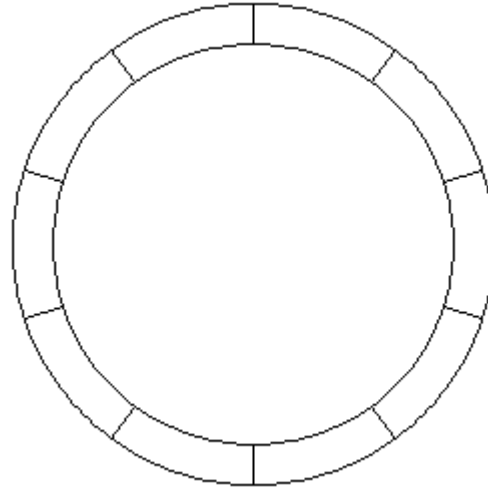


## Slike 3: Vrtnja

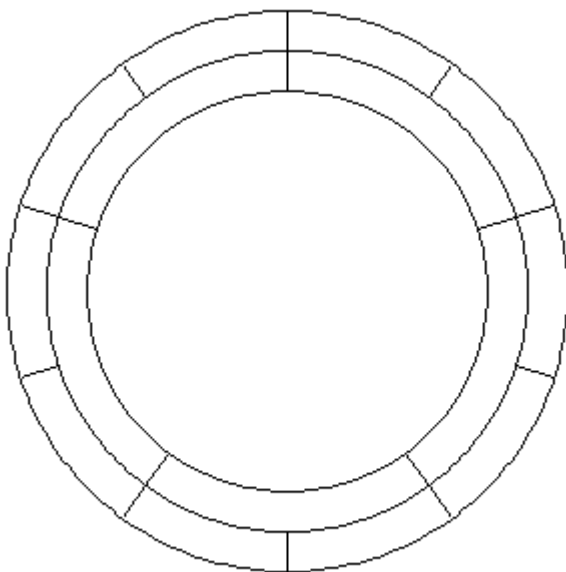
Slika 3.1



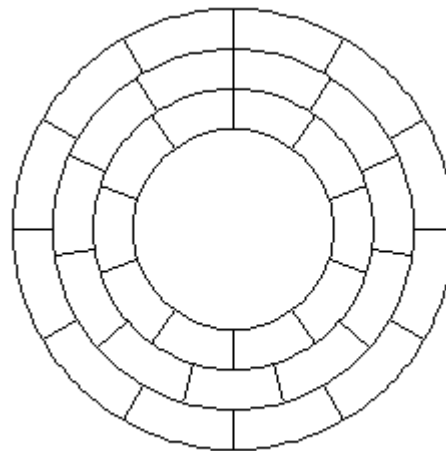
Slika 3.2



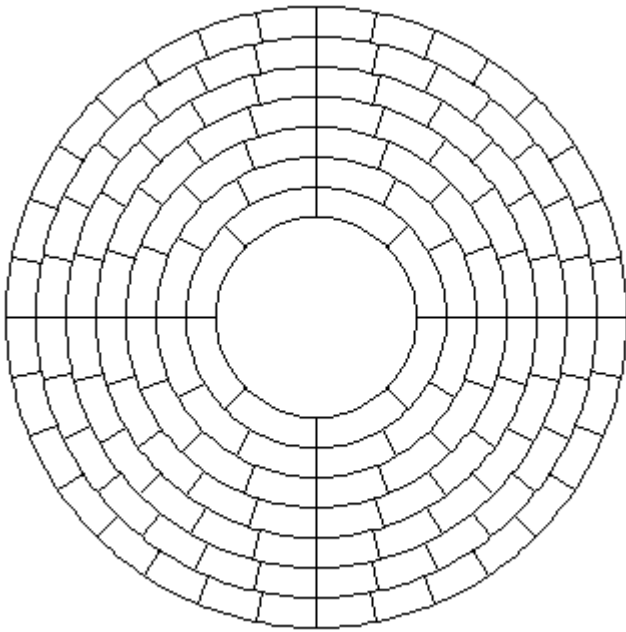
Slika 3.3



Slika 3.4



Slika 3.5



Slika 3.6

