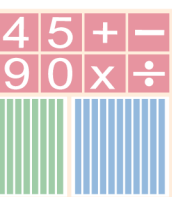


Montessori bilježnica za matematiku



Pripremila: dr. sc. Carla Konta



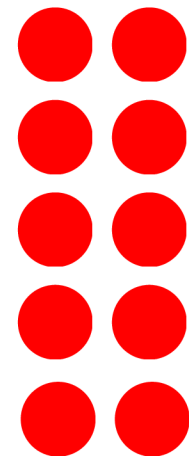
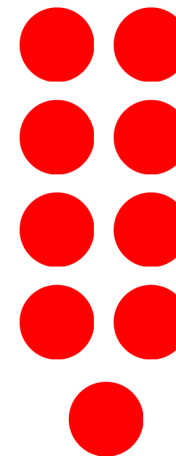
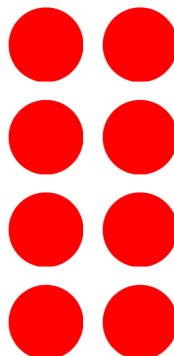
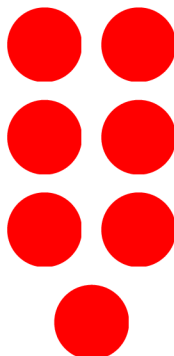
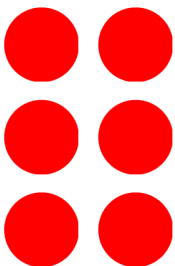
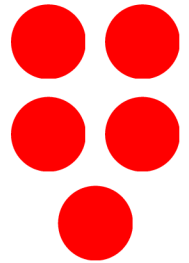
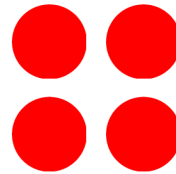
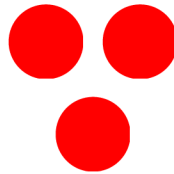
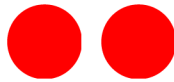
Opće napomene

- ova bilježnica nije statična, već joj svaki mjesec dodajemo nove stranice
- koristi ove predloške zajedno s pravim Montessori materijalima kako bi doživljaj djeteta bio autentičniji i realniji
- ispiši ove materijale koliko god je puta potrebno
- ponudi ih kao dodatak vašim aktivnostima, ne kao radne listove
- zapamti: ruka je sredstvo inteligencije - neka ti ove stranice budu poticaj za još više "hands-on" aktivnosti s djetetom

Ime: _____

Brojevi i žetoni



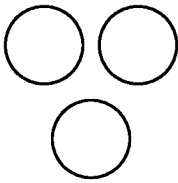
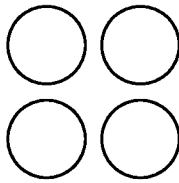
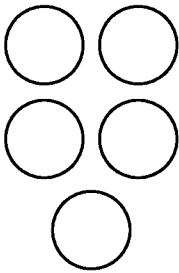
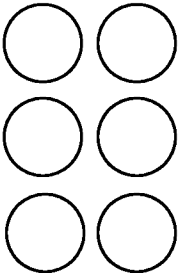
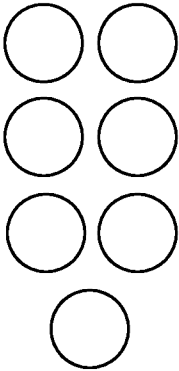
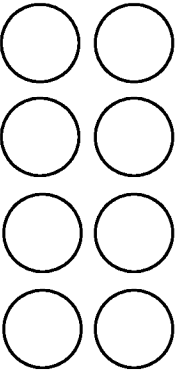
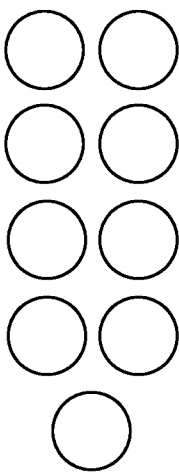
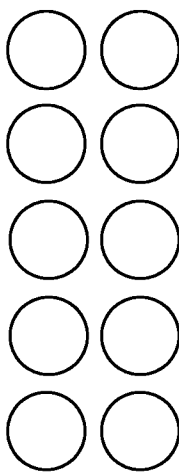
Prebroji i upiši svoj odgovor u okvir.



Ime: _____

Brojevi i žetoni



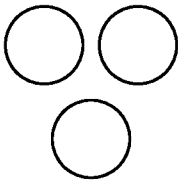
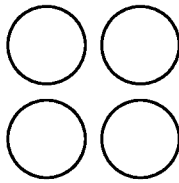
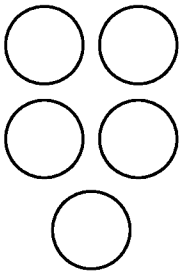
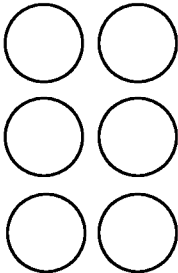
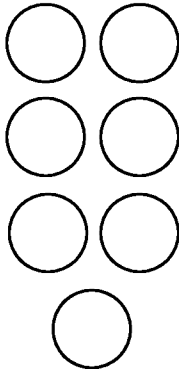
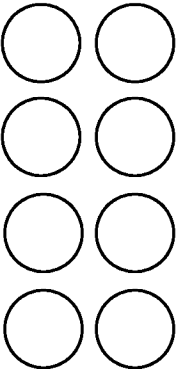
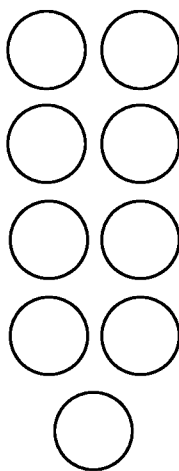
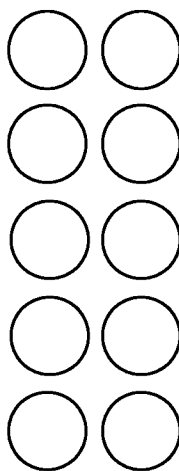
Zakruži parove kružića. Oboji crvenom bojom kružiće koji ostanu sami kako li označio neparne brojeve.

1	2	3	4	5
				
6	7	8	9	10
				

Ime:

Brojevi i žetoni

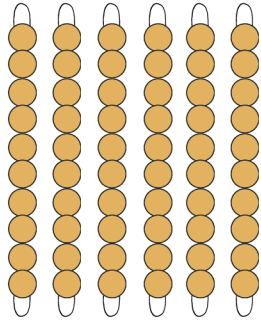

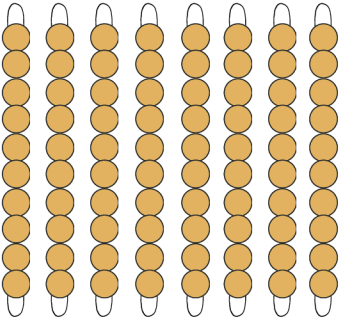

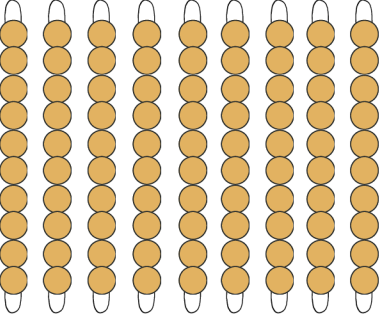
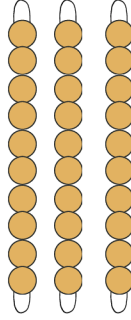
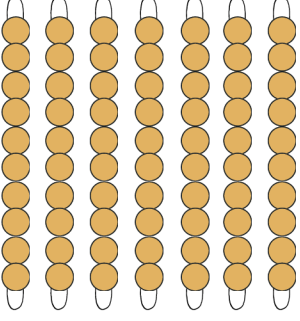
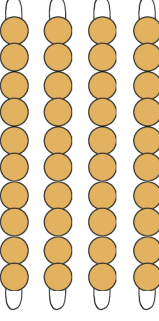
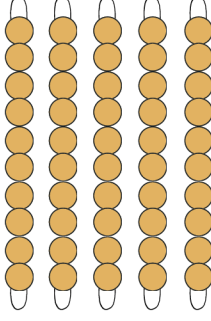
Oloži skupove od po dva zelenom lojmom kako li pokazao da su parni.

1	2	3	4	5
				
6	7	8	9	10
				

Ime: _____

Desetice zlatnih perlica

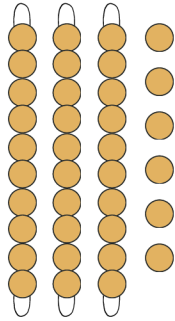
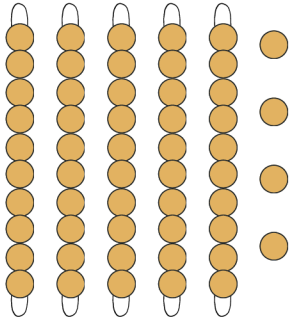
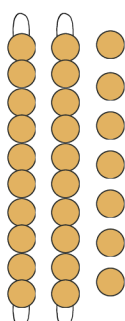
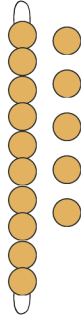
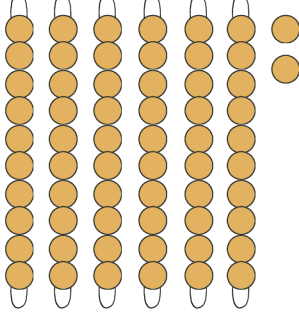
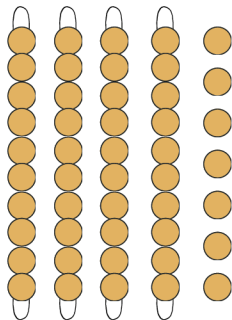
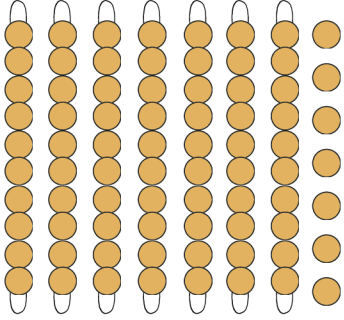
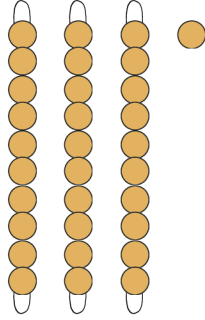
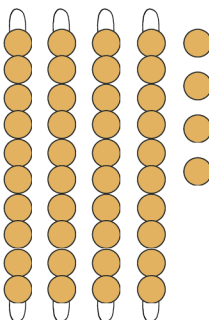
Prebroji desetke i upiši svoj odgovor

 70 60 80	 20 40 30	 90 80 70
 30 10 20	 70 90 80	 50 40 30
 50 70 40	 20 30 40	 70 60 50

Ime: _____

Desetice zlatnih perlica

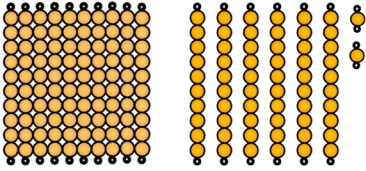
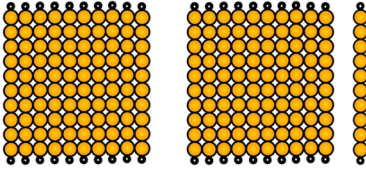
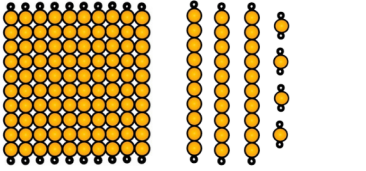
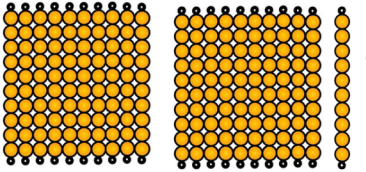
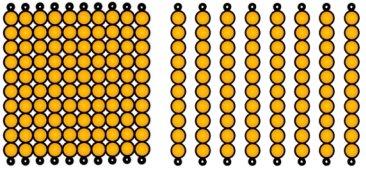
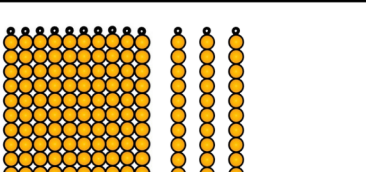
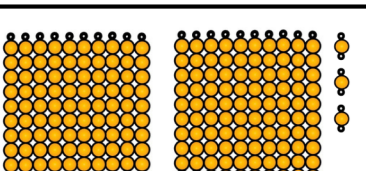
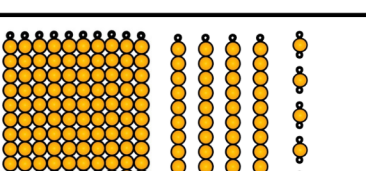
Prebroji desetke i upiši svoj odgovor

 33 36 31	 54 55 56	 26 25 27
 17 18 15	 63 61 62	 49 48 47
 77 78 76	 32 31 33	 44 45 46

Ime: _____

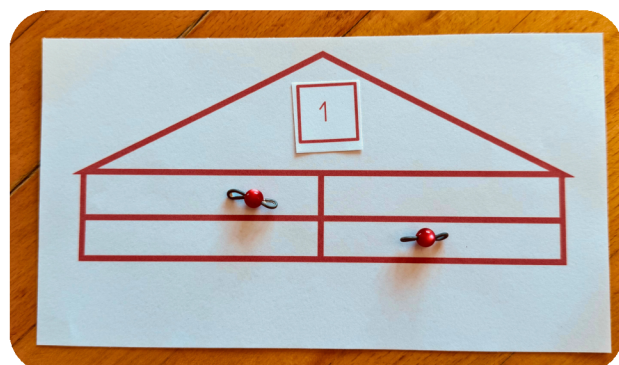
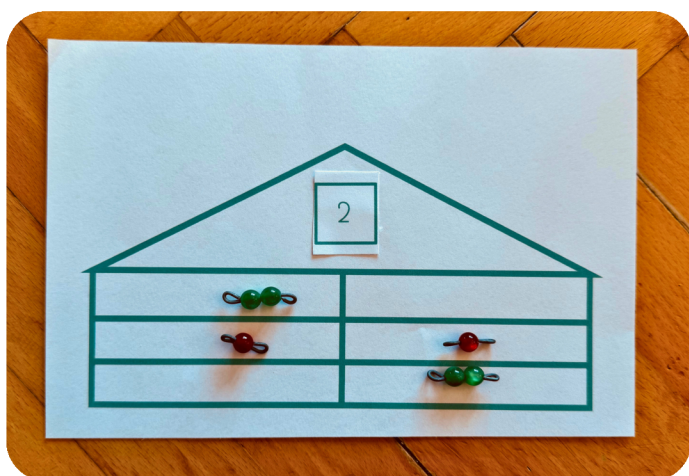
Odgonetni broj

Ispuni tablicu brojevima i imenima brojeva.

	162	Sto šezdeset i dva
		
		
		
		
		
		
		

Kućice šarenih perlica

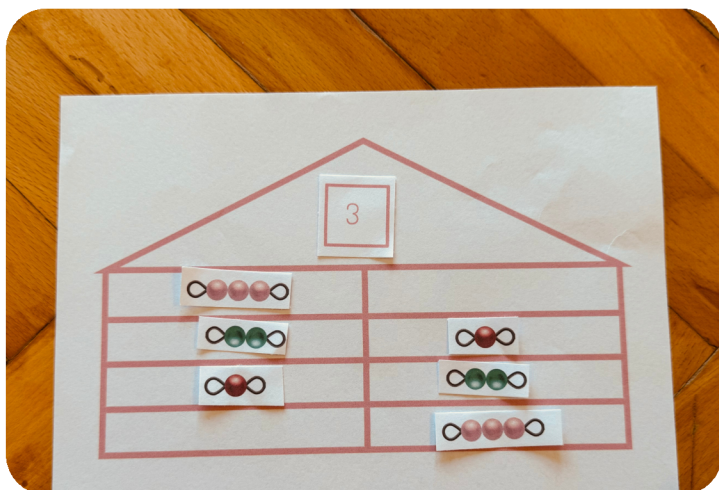
- U Montessori pedagogiji, kuće s perlicama koriste se kao konkretni alat za učenje osnovnih matematičkih koncepata, posebno zbrajanja i oduzimanja, kroz materijal koji omogućuje djeci da fizički manipuliraju brojevima i njihovim odnosima. U ovoj aktivnosti, perlice služe kao konkretni prikaz brojeva i njihovih kombinacija, pomažući djeci u procesu internalizacije matematičkih principa.
- Svaka kuća predstavlja obitelj brojeva, a perlice unutar svake kuće omogućuju djeci da vizualiziraju različite matematičke odnose. Na primjer, djeca mogu koristiti perlice za učenje kako broj 5 može biti sastavljen od 2 i 3, ili kako broj 10 može biti zbrojen od 4 i 6. Aktivnosti s kućama perlicama također omogućuju djeci da uče o komplementarnim brojevima (brojevi koji zajedno čine određeni broj, poput $5 + 5 = 10$) i svojstvima zbrajanja i oduzimanja. Ovaj pristup omogućava djeci da razumiju matematičke operacije u fizičkom, konkretno iskustvenom kontekstu, što je ključno za Montessori metodologiju, koja se oslanja na učenje kroz direktnu interakciju s materijalima.



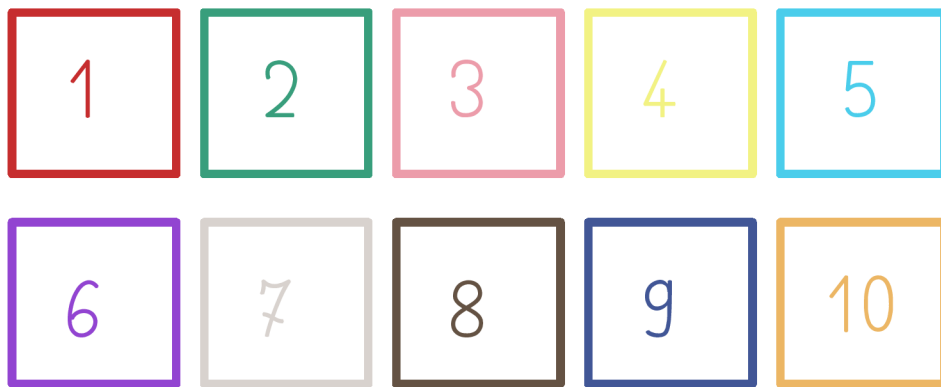
Kućice šarenih perlica

VAŽNO!

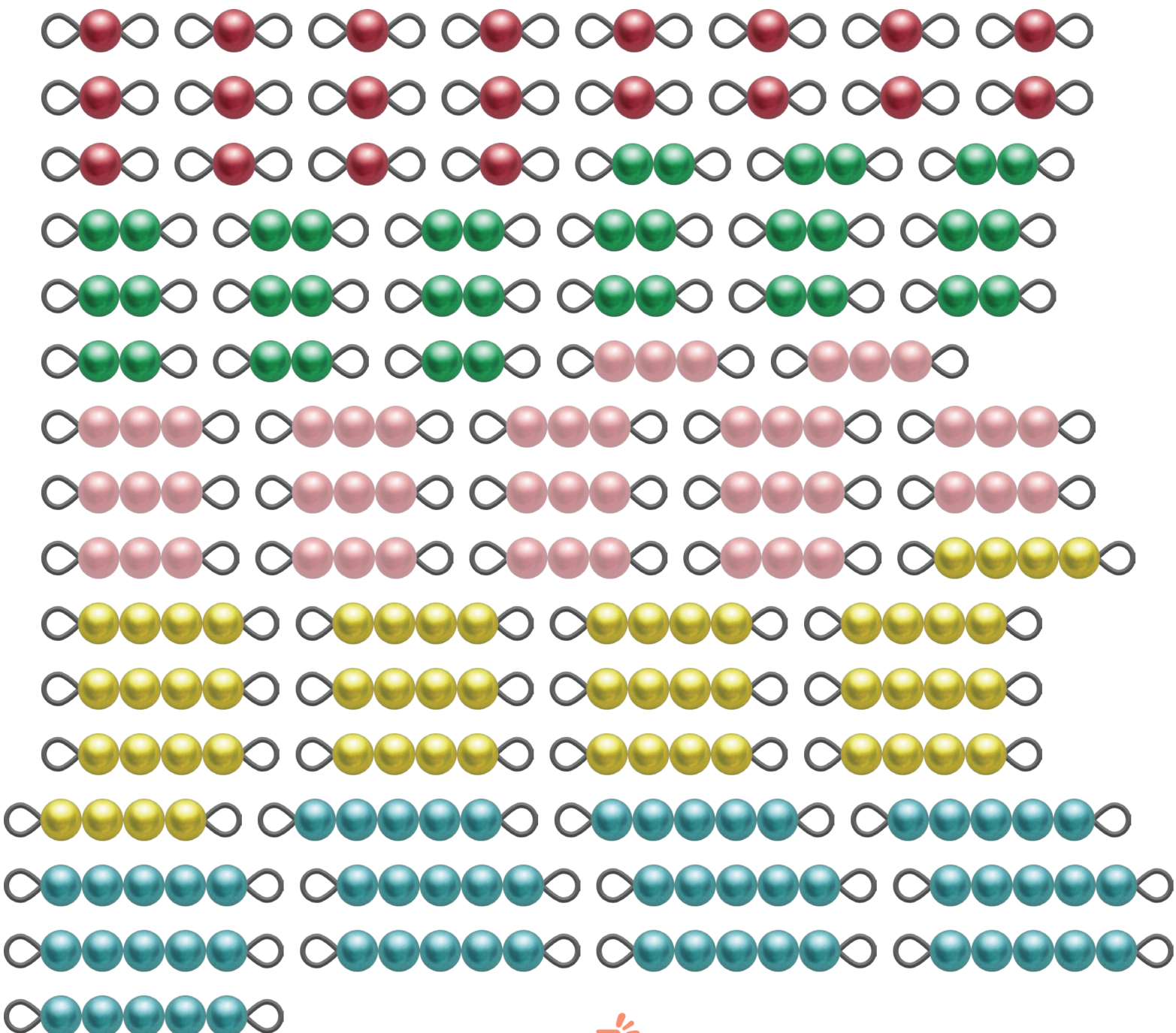
1. Koristi ove predloške s pravim Montessori perlicama ili ispisanim perlicama iz ovog PDF-a kako bi sastavili brojevne obitelji za svaku numeriranu kućicu. Uz perlice za ispisivanje dolaze i brojevi koje možeš postaviti na "krov" svake kućice. Preporučujemo ti korištenje pravih šarenih perlica jer se Montessori matematika temelji upravo na realnom iskustvu. Više o pravim Montessori perlicama saznaj u ovoj lekciji.
2. Možete produžiti aktivnost tako da ispišete prazne kuće, brojeve i perlice na običnom papiru. Osigurajte škare i ljepilo kako bi dijete izrezalo i zalijepilo odgovarajuće perlice na svaku kuću.
3. Umjetničke ekstenzije za Kuću s perlicama: ispišite kuće s konturama perlica (ili prazne kuće za naprednije učenike). Djeca mogu obojiti perlice bojicama ili flomasterima, ili koristiti pamučne štapiće i boje za nanošenje točkica na konture perlica.

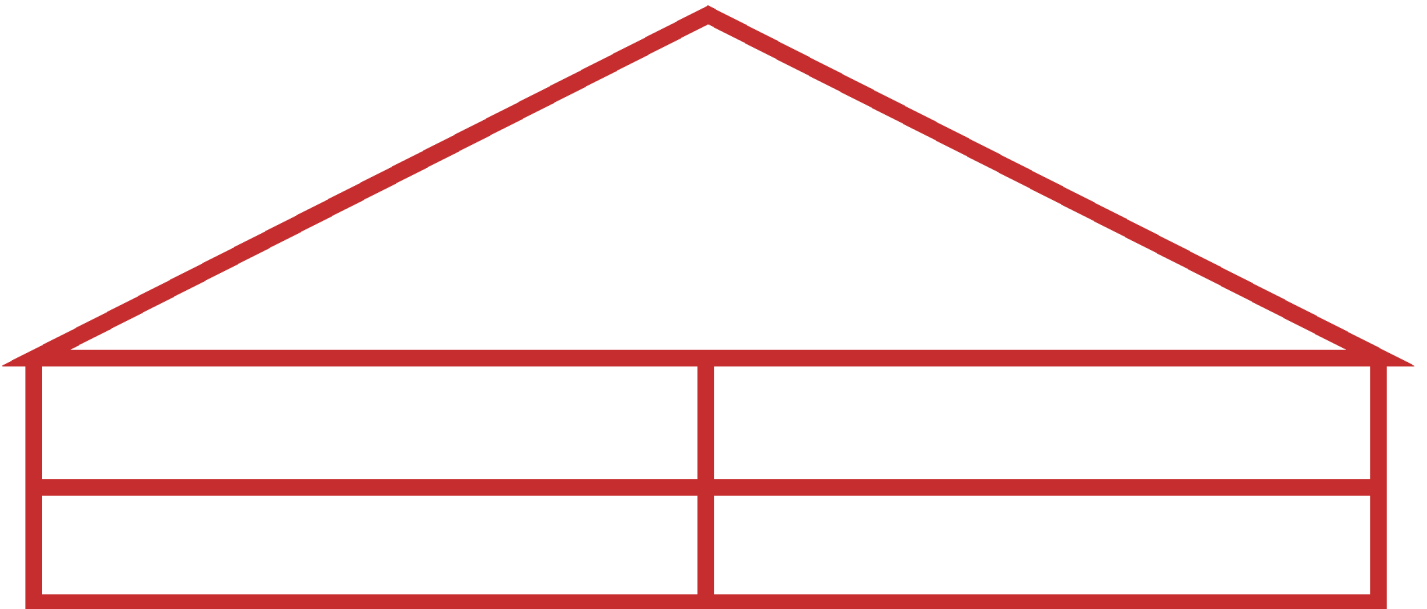
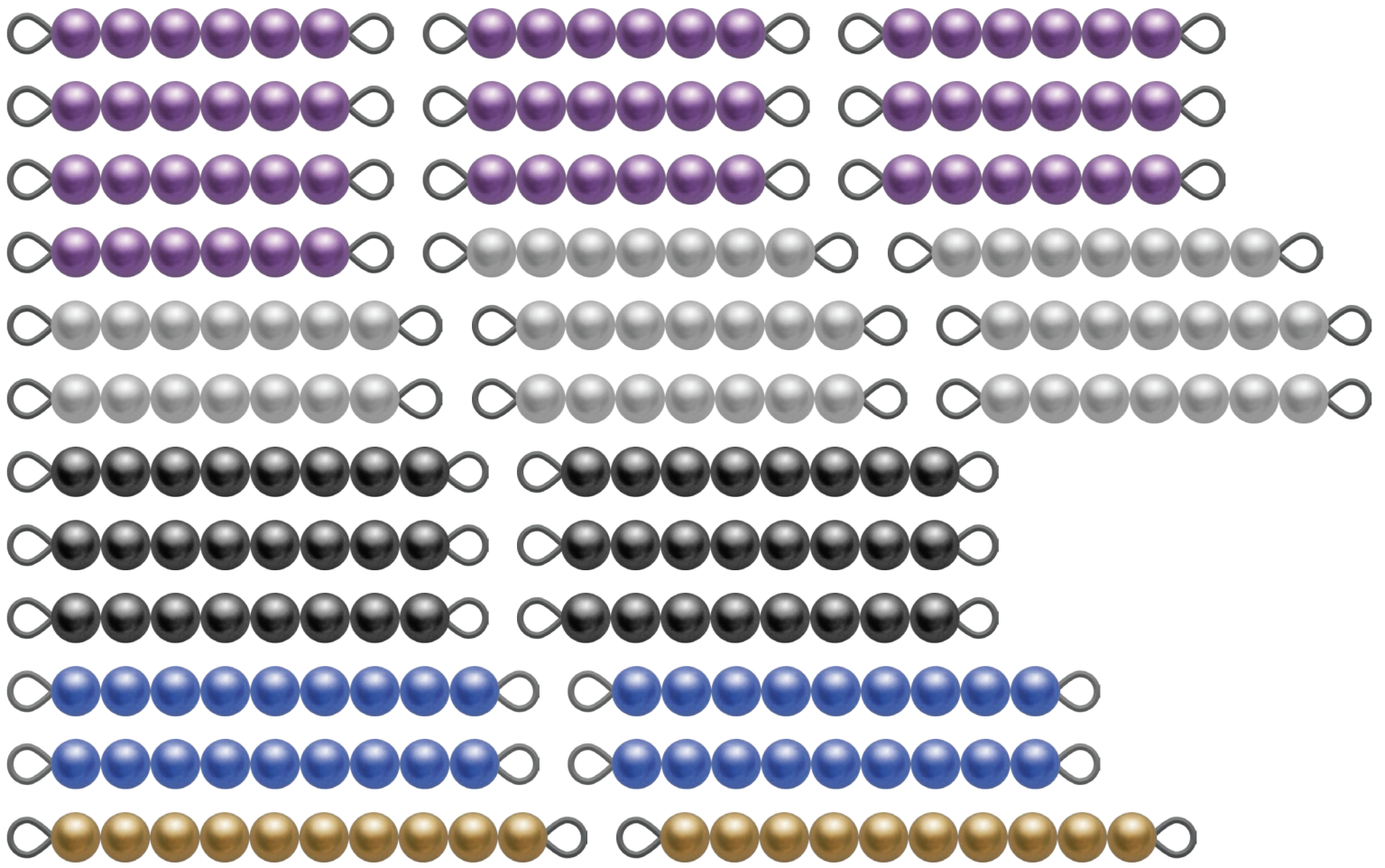


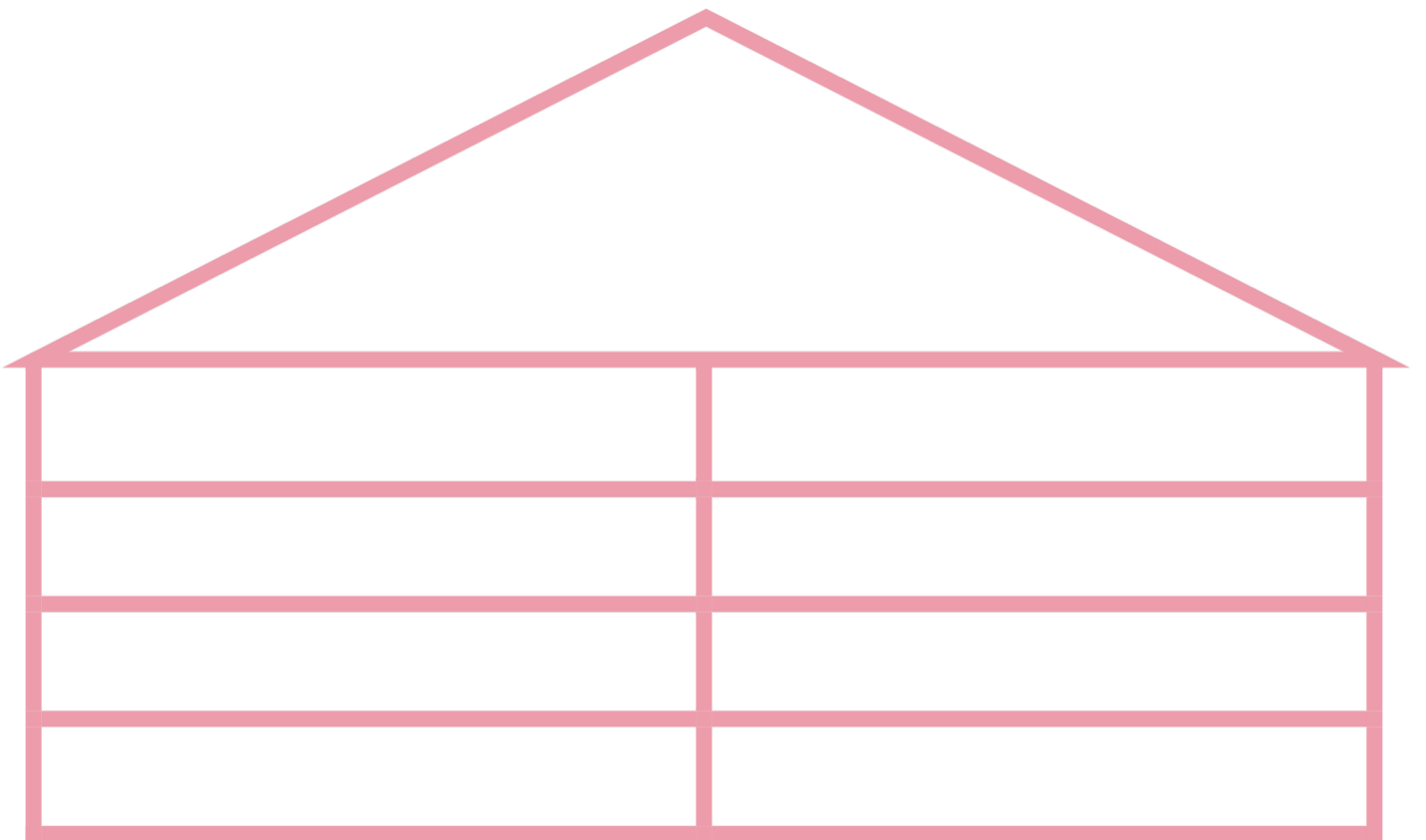
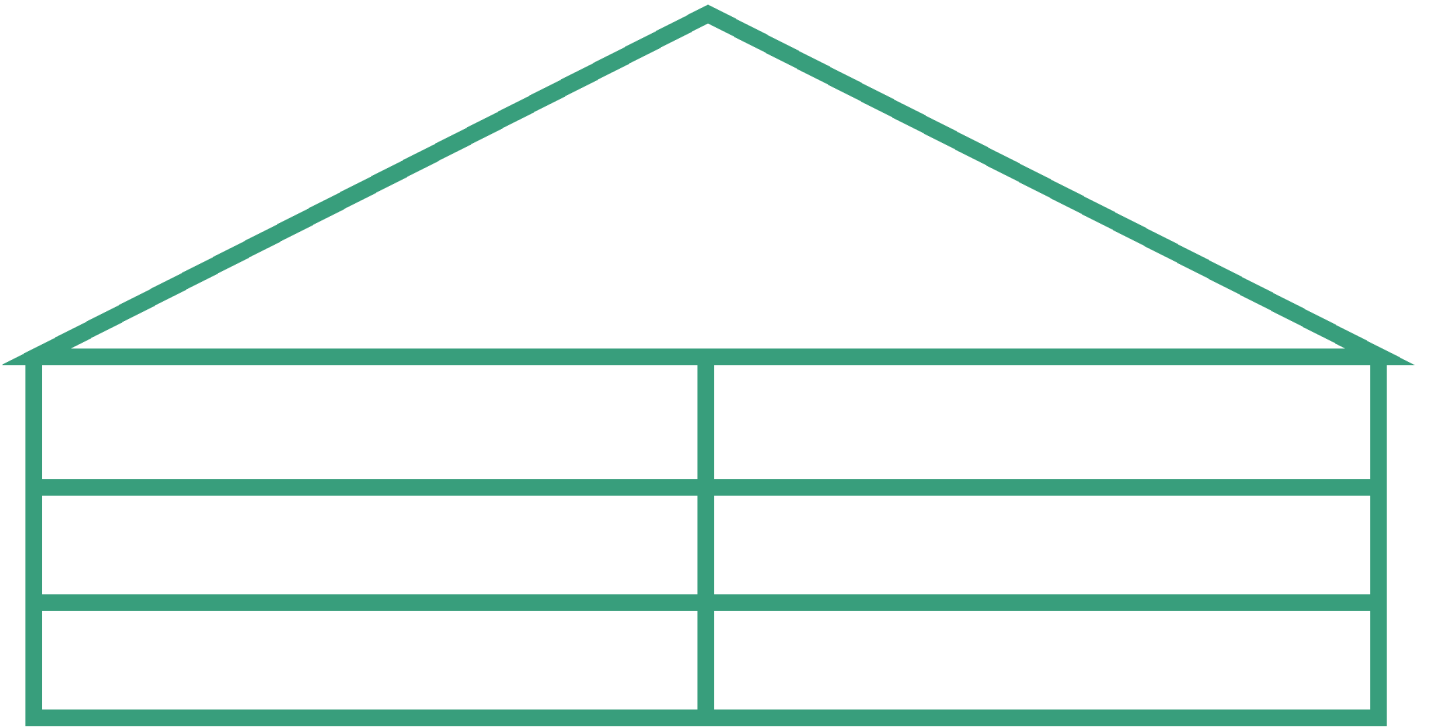
Ispisivi brojevi za kuće s perlicama

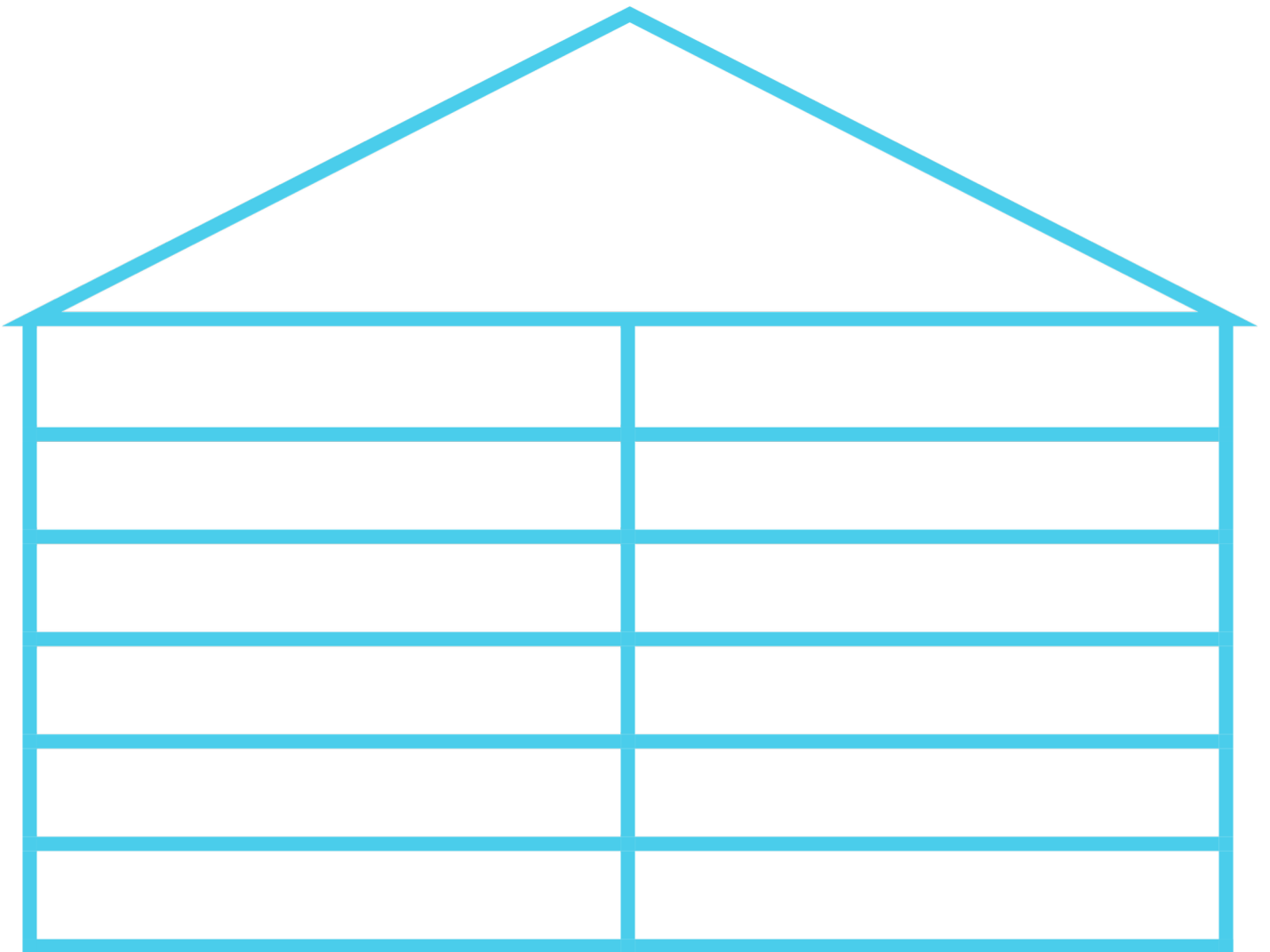
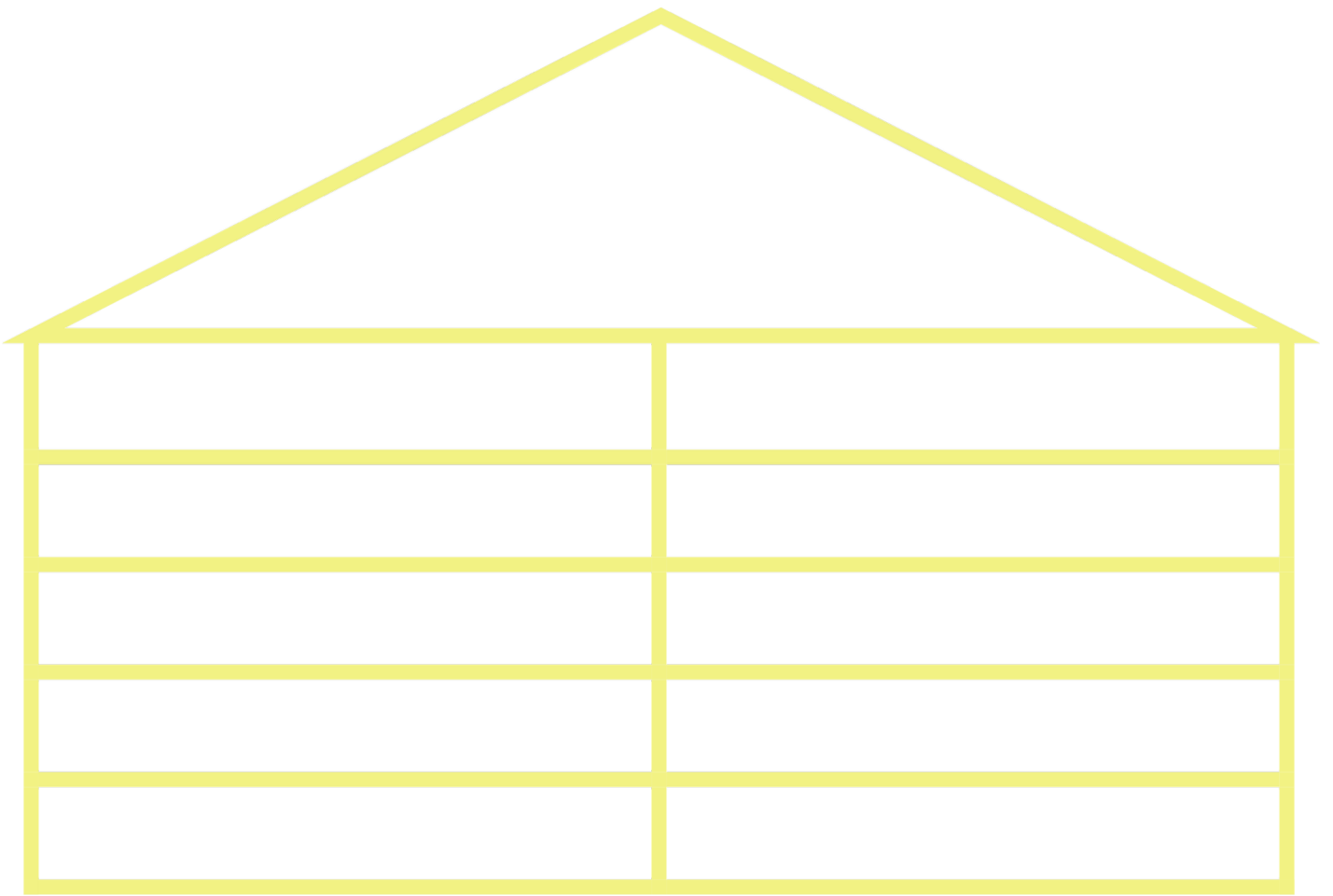


Ispisive perlice za kuće s perlicama









A purple outline of a house with a gabled roof. The main body of the house is a rectangle divided into two columns and eight rows, creating a grid for writing. The roof is a simple triangle on top of the rectangle.



A large, empty grid designed to look like a house. The top part is a triangle representing a roof. Below the roof is a rectangular area divided into two columns by a vertical line. This rectangular area is further divided into ten horizontal rows by nine horizontal lines, creating a total of 20 empty rectangular cells for writing.

Ispisive kuće s perlicama za bojanje ili slikanje pamučnim štapićima

