

Mire tanít a SET?

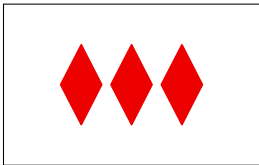
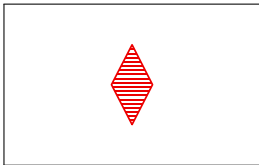
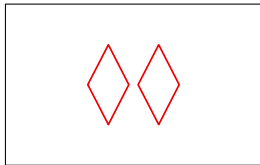
Bogya Norbert

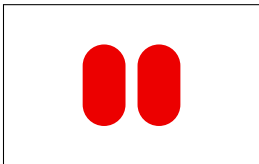
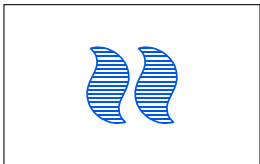
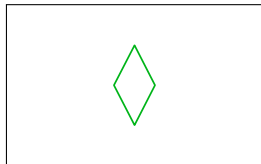
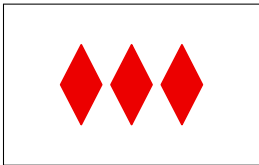
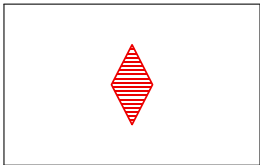
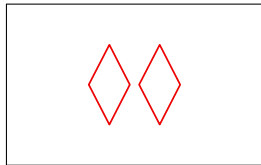
nbogya@math.u-szeged.hu

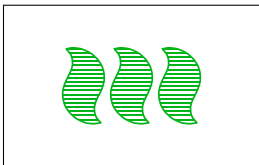
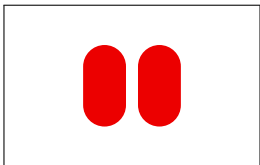
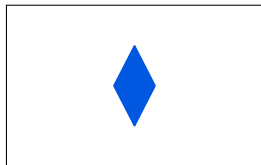
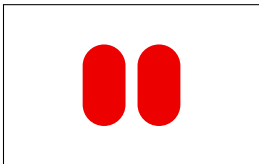
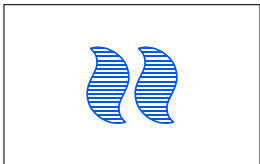
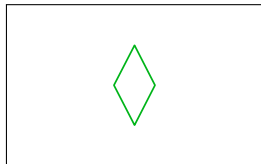
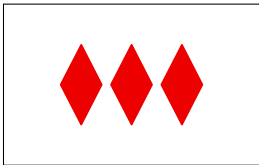
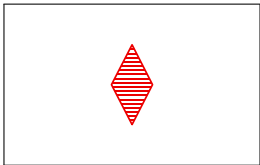
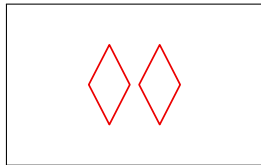
Szegedi Tudományegyetem, Bolyai Intézet
Matematika Összeköt Egyesület

Medve Élménynap, 2019

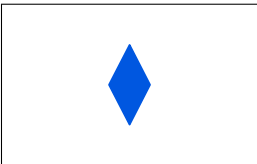
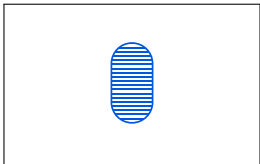
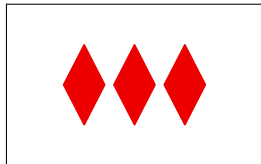
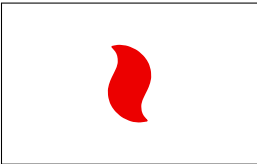
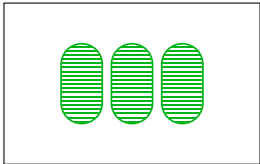
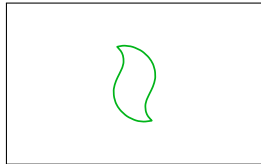
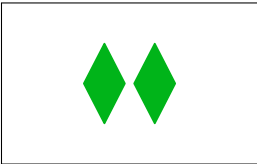
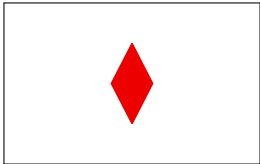
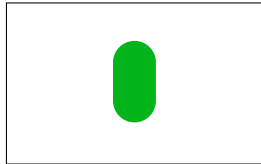
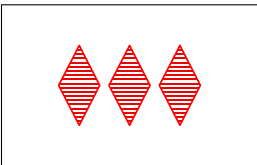
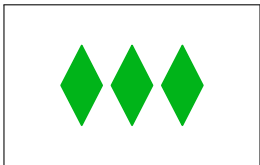


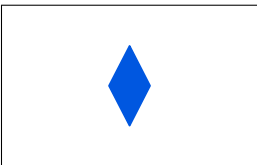
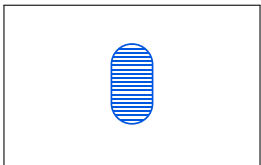
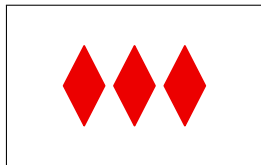
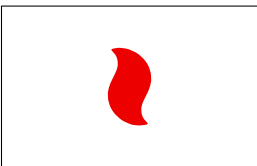
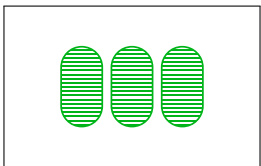
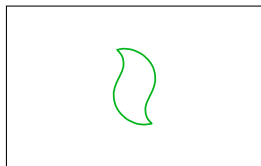
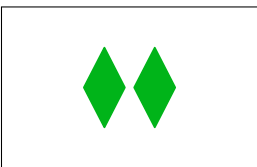
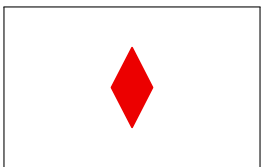
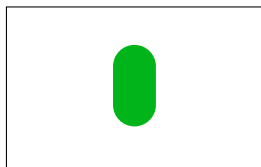
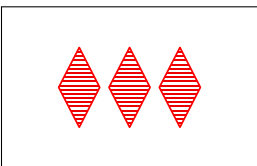
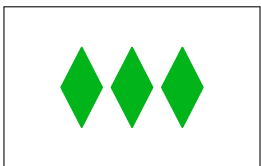
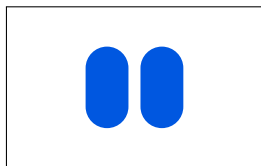












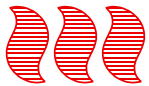
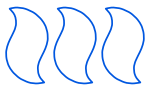
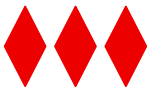
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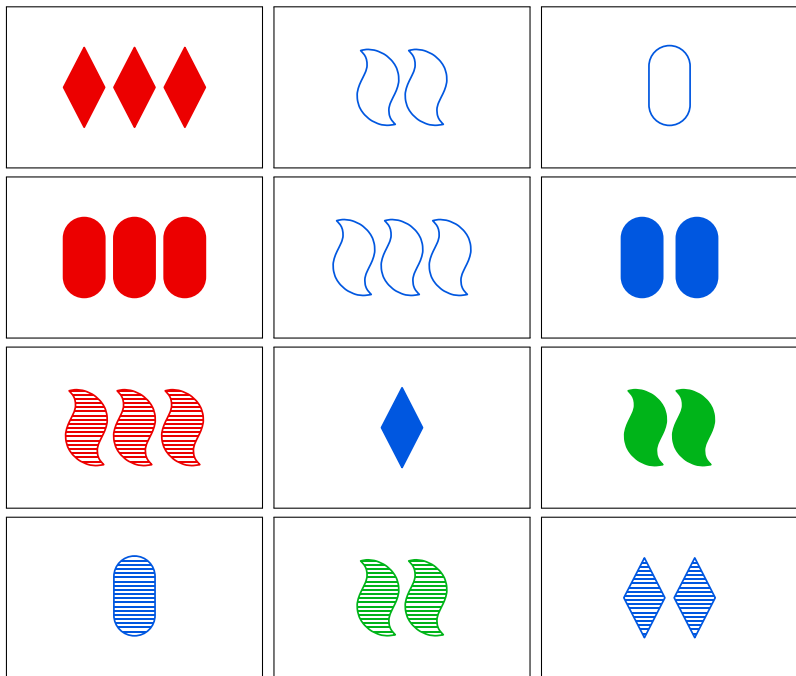
1. feladat

Hány különböző SET van a pakliban?

2. feladat

Egy adott kártya hány SET-ben szerepel?





[1, 3, 11], [2, 6, 12], [4, 8, 9]

3. feladat

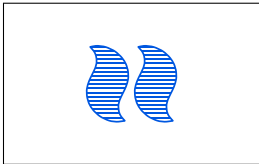
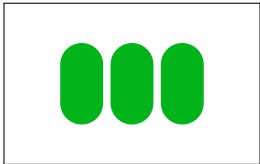
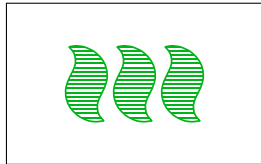
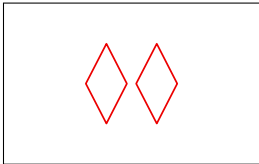
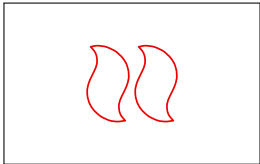
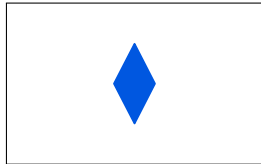
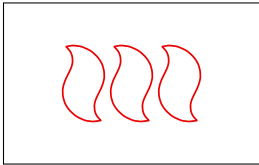
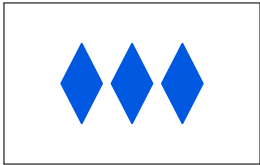
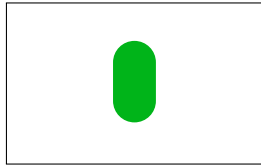
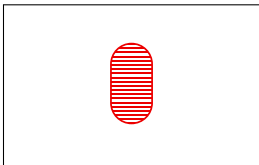
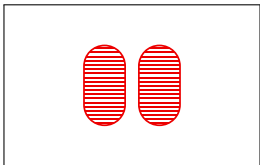
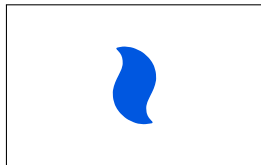
Mennyi a valószínűsége, hogy 3 kártya SET-et alkot?

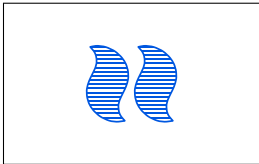
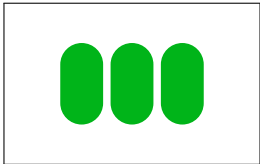
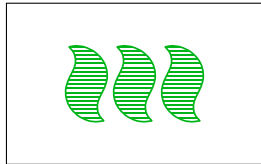
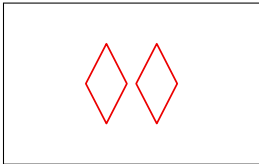
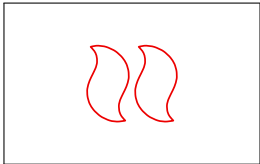
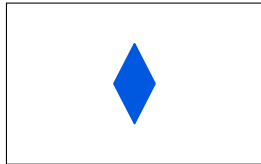
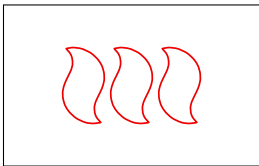
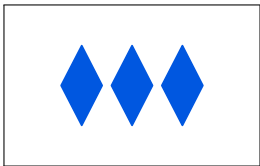
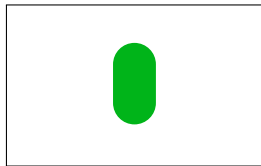
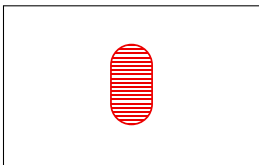
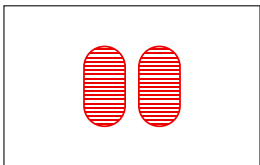
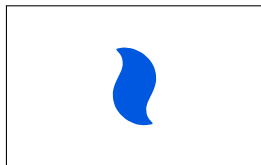
*4. feladat

Mennyi a valószínűsége, hogy 4 kártyában van SET?

**5. feladat

Mennyi a valószínűsége, hogy 5 kártyában van SET?





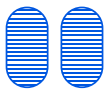
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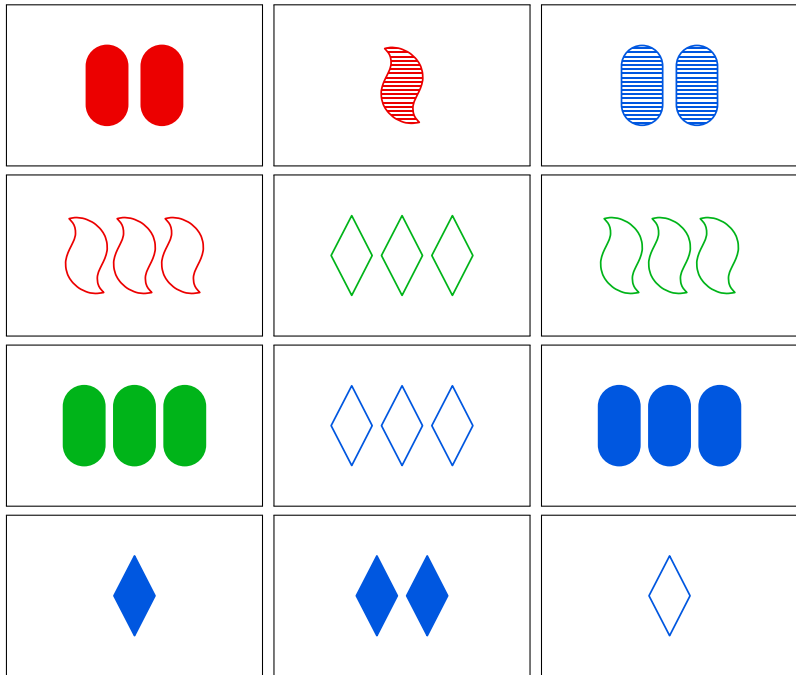
6. feladat

Ha csak a kék ovális kártyákat használjuk, hány kártyát kell leraknom az asztalra, hogy biztos legyen köztük SET?

*7. feladat

Ha csak a kék kártyákat használjuk, hány kártyát kell leraknom az asztalra, hogy biztos legyen köztük SET?





Nincs SET.

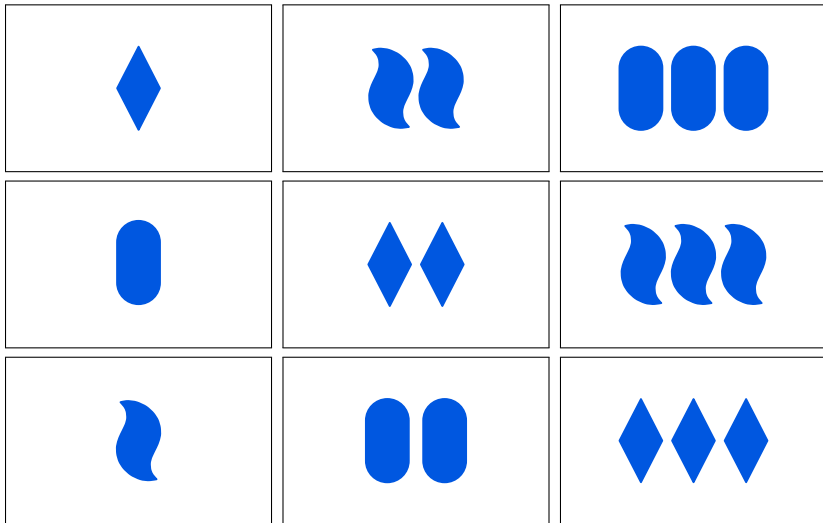
Hány kártyát kell lerakni az asztalra, hogy biztos legyen köztük SET?

Hány kártyát kell lerakni az asztalra, hogy biztos legyen köztük SET?

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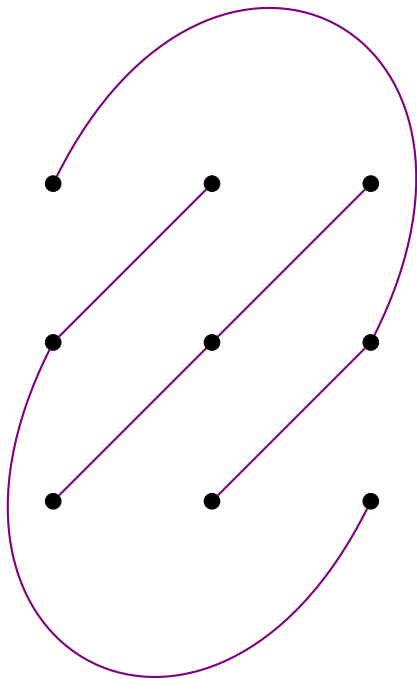
8. feladat

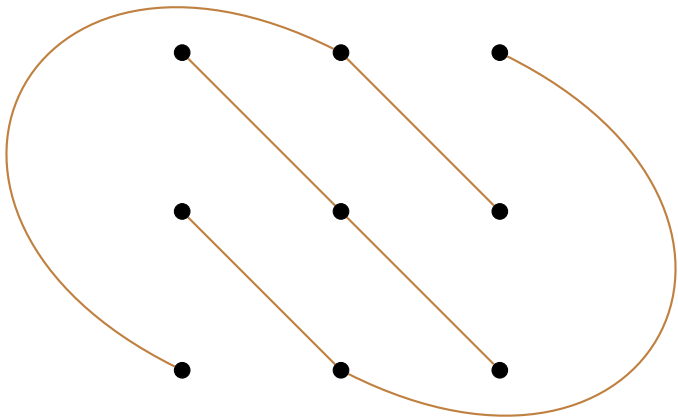
Hány SET van az ábrán?

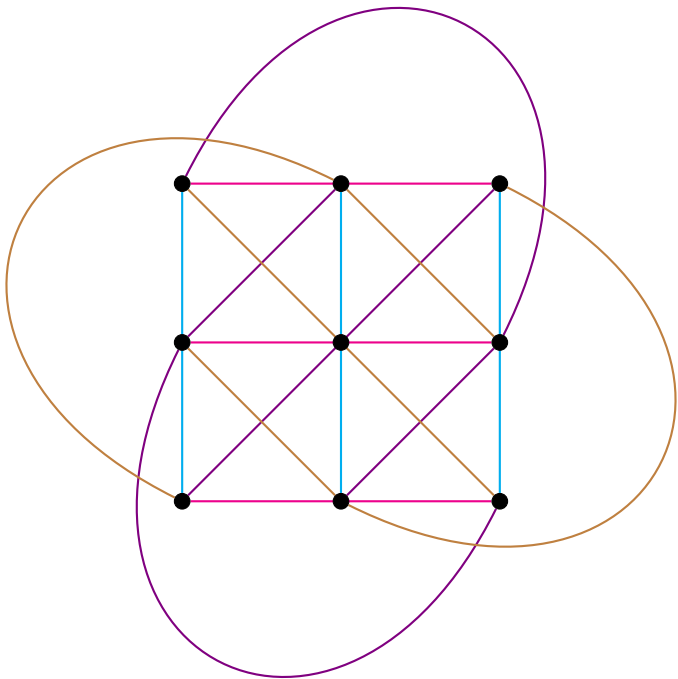




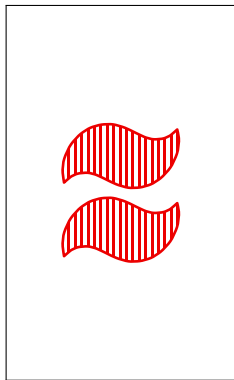




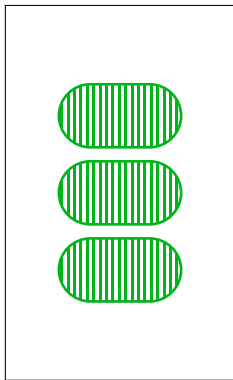




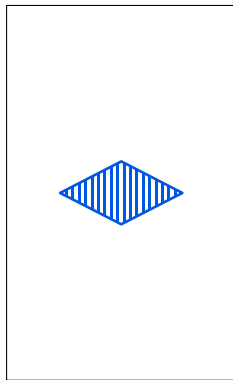
Attribútum	Lehetőségek		
Szám	1 (1)	2 (2)	3 (0)
Szín	piros (1)	zöld (2)	kék (0)
Minta	üres (1)	tele (2)	csíkos (0)
Alak	ellipszis (1)	rombusz (2)	hullám (0)



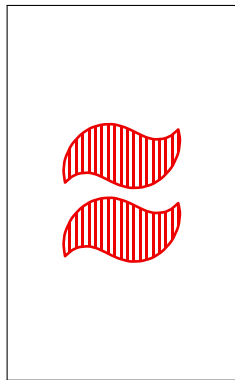
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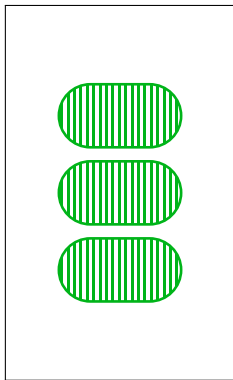
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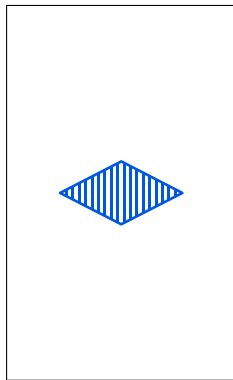
1roKc



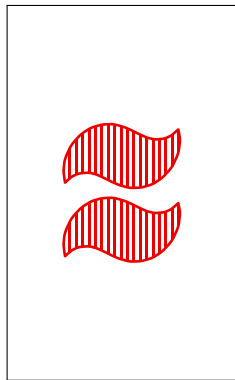
2huPc
(2; 0; 1; 0)



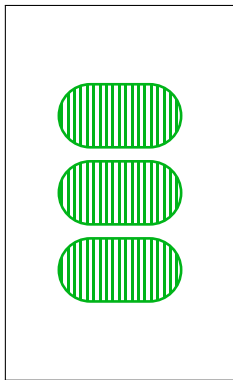
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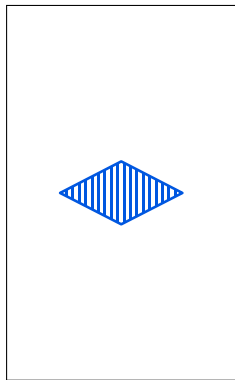
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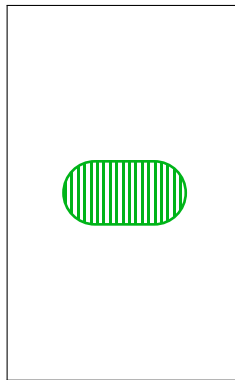


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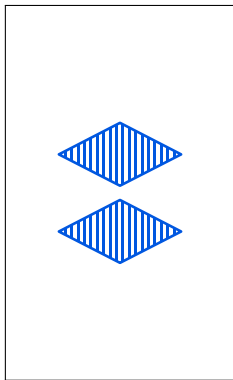


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(1; 2; 0; 0)

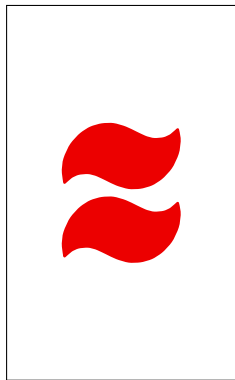
$$\begin{array}{rcccc} & 2 & 0 & 1 & 0 \\ & 0 & 1 & 2 & 0 \\ + & 1 & 2 & 0 & 0 \\ \hline & 3 & 3 & 3 & 0 \end{array}$$



10vZc
(1; 1; 2; 0)

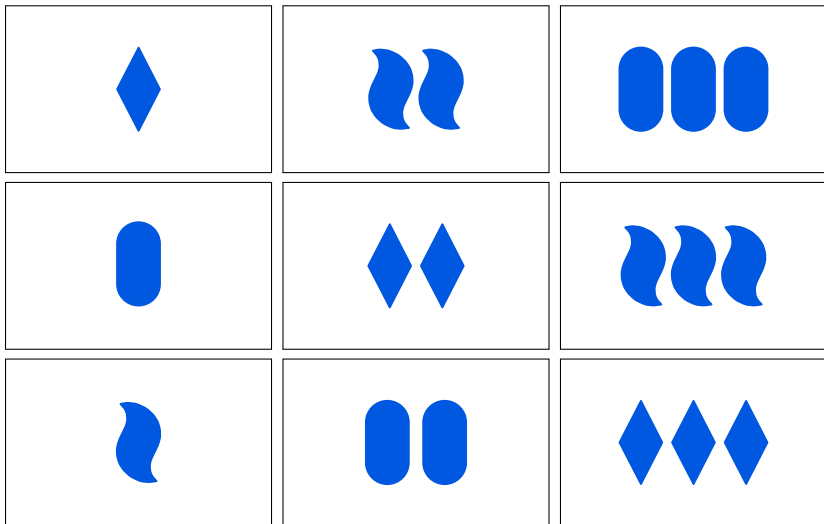


2roKc
(2; 2; 0; 0)

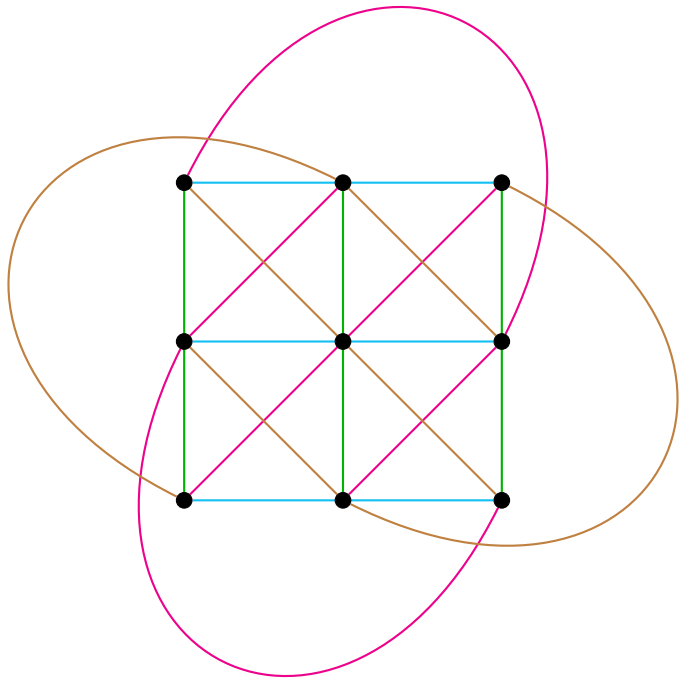


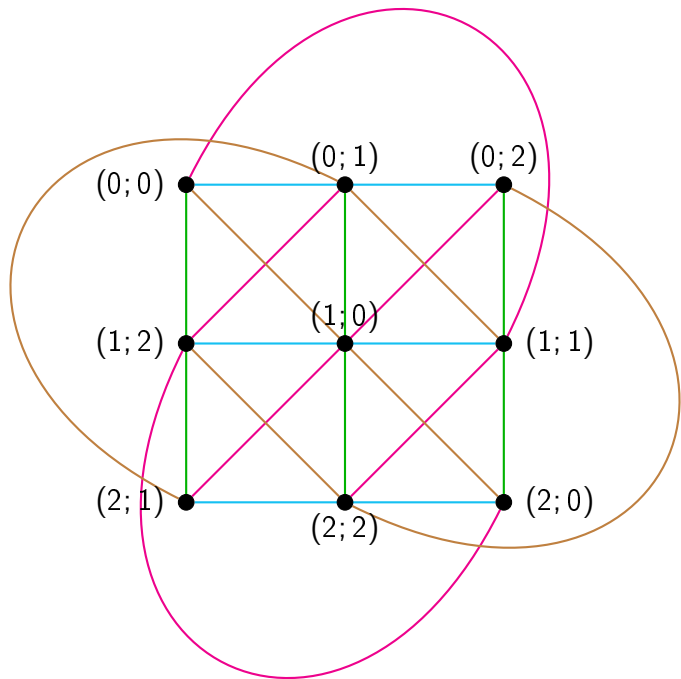
2huPt
(2; 0; 1; 2)

$$\begin{array}{r} 1 \ 1 \ 2 \ 0 \\ 2 \ 2 \ 0 \ 0 \\ + \ 2 \ 0 \ 1 \ 2 \\ \hline 5 \ 3 \ 3 \ 2 \end{array}$$

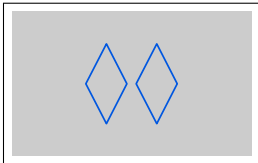
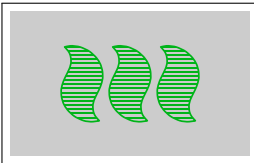
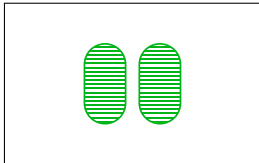
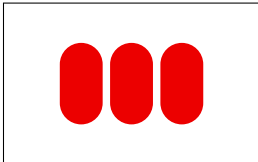
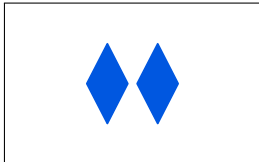
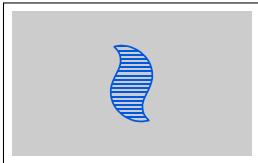
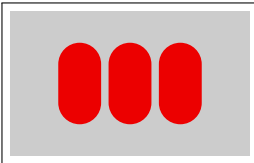
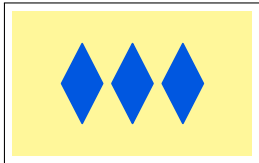
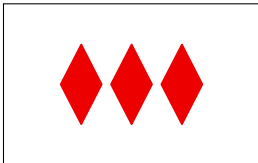
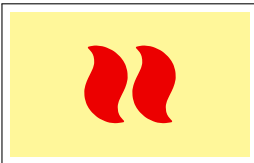
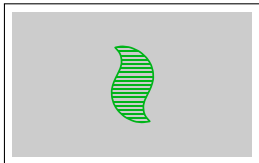


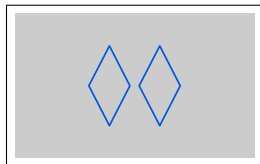
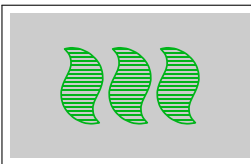
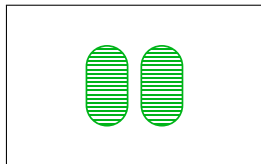
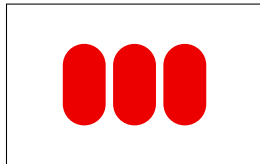
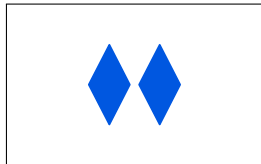
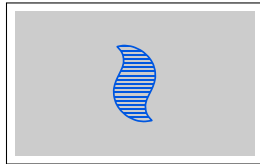
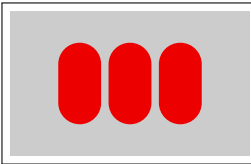
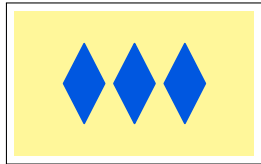
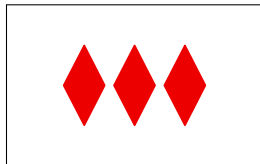
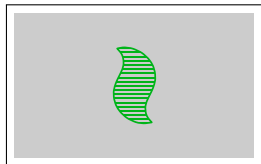
- Hány koordinátával jellemezhető az alábbi ábra?
- Koordinátázzuk be a kártyákat úgy, hogy az egy SET-hez tartozók „összege” „nullvektor” legyen.





Mit jelent az, ha a 4 koordinátás SET helyett 5 koordinátás vektorokat használunk? Ez egy játszható játék marad?





[1, 5, 12], [2, 10, 12]