

# Simetrías de un hexagono

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## 1.Tabla de cayley "R" son rotaciones y "r" reflexiones

*	id	R1	R2	R3	R4	R5	r0	r1	r2	r3	r4	r5
id	id	R1	R2	R3	R4	R5	r0	r1	r2	r3	r4	r5
R1	R1	R2	R3	R4	R5	id	r1	r2	r3	r4	r5	r0
R2	R2	R3	R4	R5	id	R1	r2	r3	r4	r5	r0	r1
R3	R3	R4	R5	id	R1	R2	r3	r4	r5	r0	r1	r2
R4	R4	R5	id	R1	R2	R3	r4	r5	r0	r1	r2	r3
R5	R5	id	R1	R2	R3	R4	r5	r0	r1	r2	r3	r4
r0	r0	r5	r4	r3	r2	r1	id	R5	R4	R3	R2	R1
r1	r1	r0	r5	r4	r3	r2	R1	id	R5	R4	R3	R2
r2	r2	r1	r0	r5	r4	r3	R2	R1	id	R5	R4	R3
r3	r3	r2	r1	r0	r5	r4	R3	R2	R1	id	R5	R4
r4	r4	r3	r2	r1	r0	r5	R4	R3	R2	R1	id	R5
r5	r5	r4	r3	r2	r1	r0	R5	R4	R3	R2	R1	id

(i)Las simetrías son:

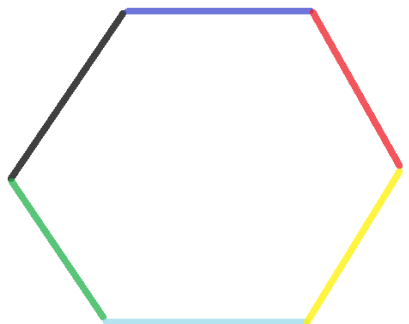


Figure 1: Identidad

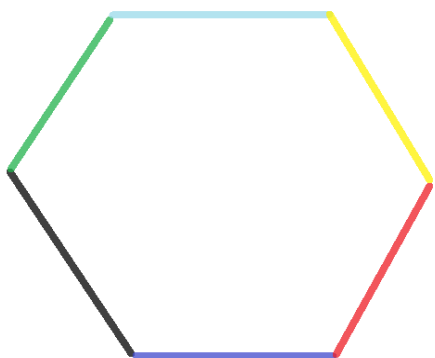


Figure 2: Reflexión 0

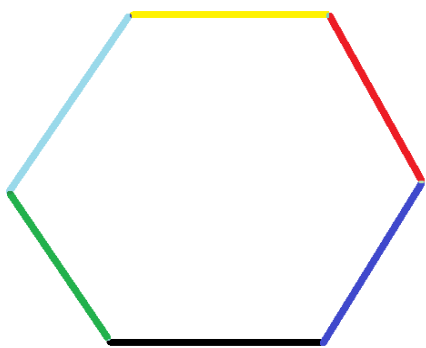


Figure 3: Reflexión 1

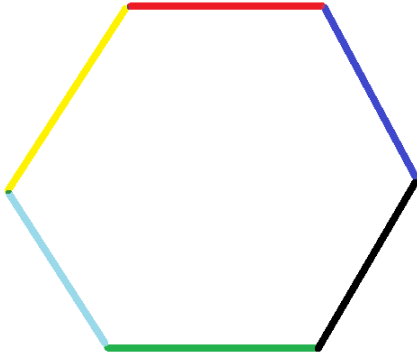


Figure 4: Reflexión 2

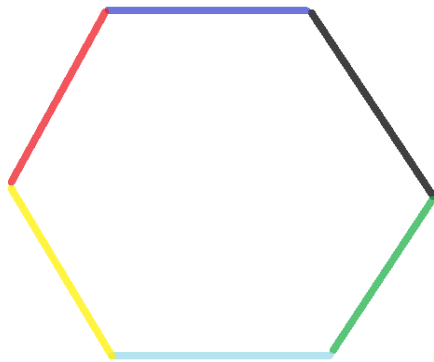


Figure 5: Reflexión 3

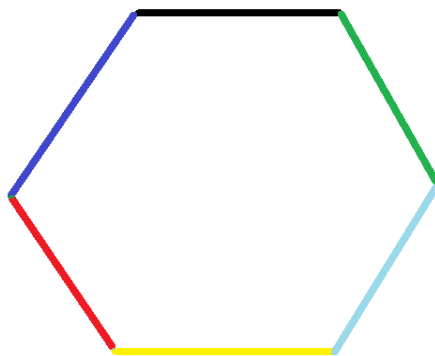


Figure 6: Reflexión 4

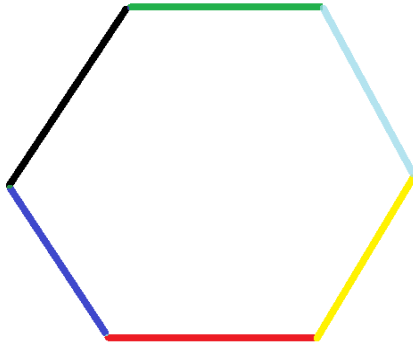


Figure 7: Reflexión 5

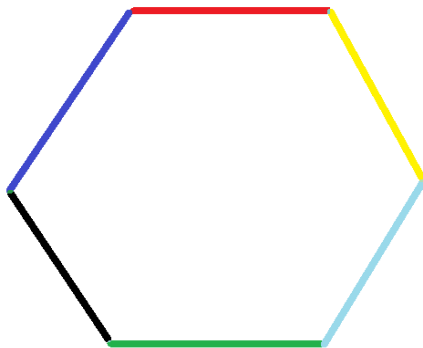


Figure 8: Rotación 1

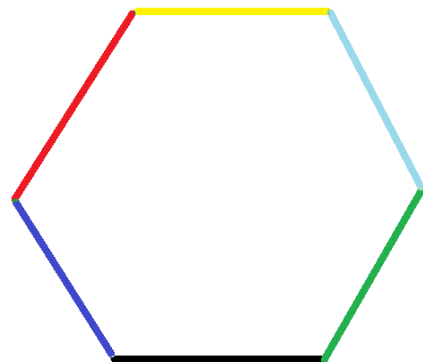


Figure 9: Rotación 2

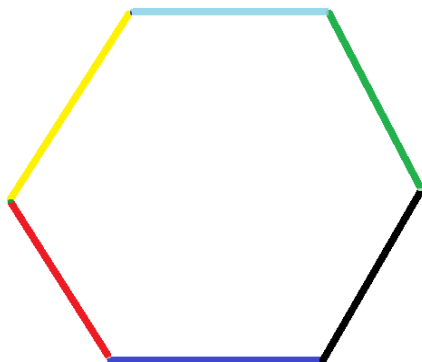


Figure 10: Rotación 3

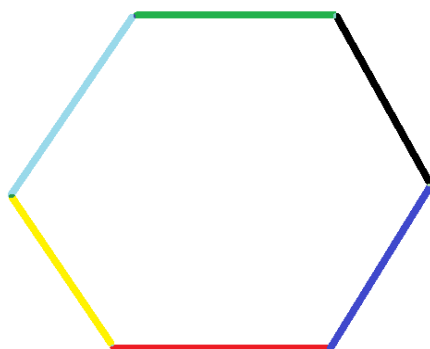


Figure 11: Rotación 4

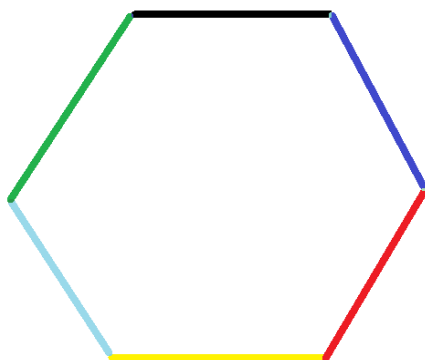


Figure 12: Rotación 5