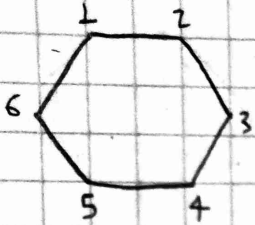


Determine el grupo de las simetrías de un hexágono regular.



$$P_1 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 2 & 3 & 4 & 5 & 6 & 1 \end{bmatrix}$$

$$P_2 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 4 & 5 & 6 & 1 & 2 \end{bmatrix}$$

$$P_3 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 4 & 5 & 6 & 1 & 2 & 3 \end{bmatrix}$$

$$P_4 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 5 & 6 & 1 & 2 & 3 & 4 \end{bmatrix}$$

$$P_5 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 6 & 1 & 2 & 3 & 4 & 5 \end{bmatrix}$$

$$P_6 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 2 & 1 & 6 & 5 & 4 & 3 \end{bmatrix}$$

$$P_7 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 5 & 4 & 3 & 2 & 1 & 6 \end{bmatrix}$$

$$P_8 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 6 & 5 & 4 & 3 & 2 \end{bmatrix}$$

$$P_9 = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 3 & 2 & 1 & 6 & 5 & 4 \end{bmatrix}$$

$$P_{10} = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 4 & 3 & 2 & 1 & 6 & 5 \end{bmatrix}$$

$$P_{11} = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 6 & 5 & 4 & 3 & 2 & 1 \end{bmatrix}$$

$$P_{12} = \begin{bmatrix} 1 & 2 & 3 & 4 & 5 & 6 \\ 1 & 2 & 3 & 4 & 5 & 6 \end{bmatrix}$$

•	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}
P_1	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}
P_2	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1
P_3	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2
P_4	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3
P_5	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3	P_4
P_6	P_6	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3	P_4	P_5
P_7	P_7	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3	P_4	P_5	P_6
P_8	P_8	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3	P_4	P_5	P_6	P_7
P_9	P_9	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8
P_{10}	P_{10}	P_{11}	P_{12}	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9
P_{11}	P_{11}	P_{12}	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}
P_{12}	P_{12}	P_1	P_2	P_3	P_4	P_5	P_6	P_7	P_8	P_9	P_{10}	P_{11}