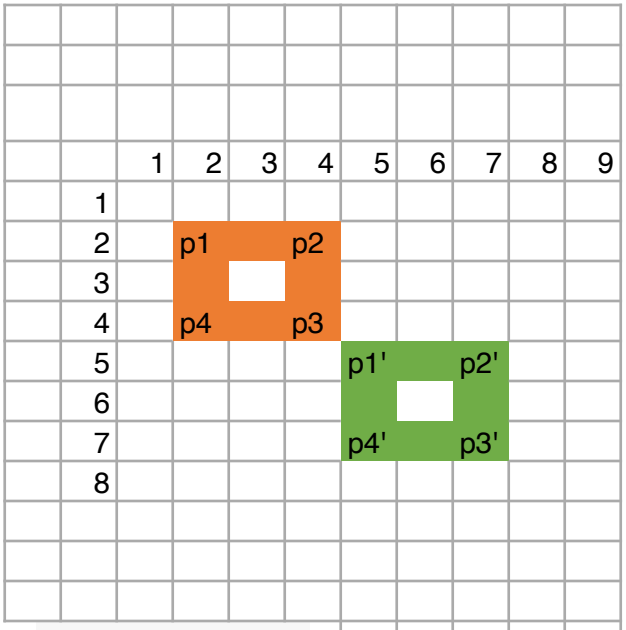
	P'		M		P
p1'	x 5 y 5 z 0 1	=	1 0 **0** 3 0 1 **0** 3 0 0 1 0 0 0 0 1	•	2 2 0 1

Input:

$$\begin{pmatrix} 1 & 0 & 0 & 3 \\ 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} 2 \\ 2 \\ 0 \\ 1 \end{pmatrix}$$

Result:

$$\begin{pmatrix} 5 \\ 5 \\ 0 \\ 1 \end{pmatrix}$$



Input:

$$\begin{pmatrix} 1 & 0 & 0 & 3 \\ 0 & 1 & 0 & 3 \\ 0 & 0 & 1 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} 2 \\ 2 \\ 0 \\ 1 \end{pmatrix}$$

Result:

$$\begin{pmatrix} 5 \\ 5 \\ 0 \\ 1 \end{pmatrix}$$

	P'		M		P
p1'	x 7 y 7 z 0 1	=	3 0 **0** 0 0 3 **0** 0 0 0 0 0 0 0 0 1	●	4 4 0 1

$$\begin{pmatrix} 1.75 & 0 & 0 & 0 \\ 0 & 1.75 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} 4 \\ 4 \\ 0 \\ 1 \end{pmatrix}$$

Result:

$$\begin{pmatrix} 7 \\ 7 \\ 0 \\ 1 \end{pmatrix}$$

		1	2	3	4	5	6	7	8	9
1										
2			p1		p4			p4'		
3										
4			p2		p3					
5										
6										
7			p2'					p3'		
8										

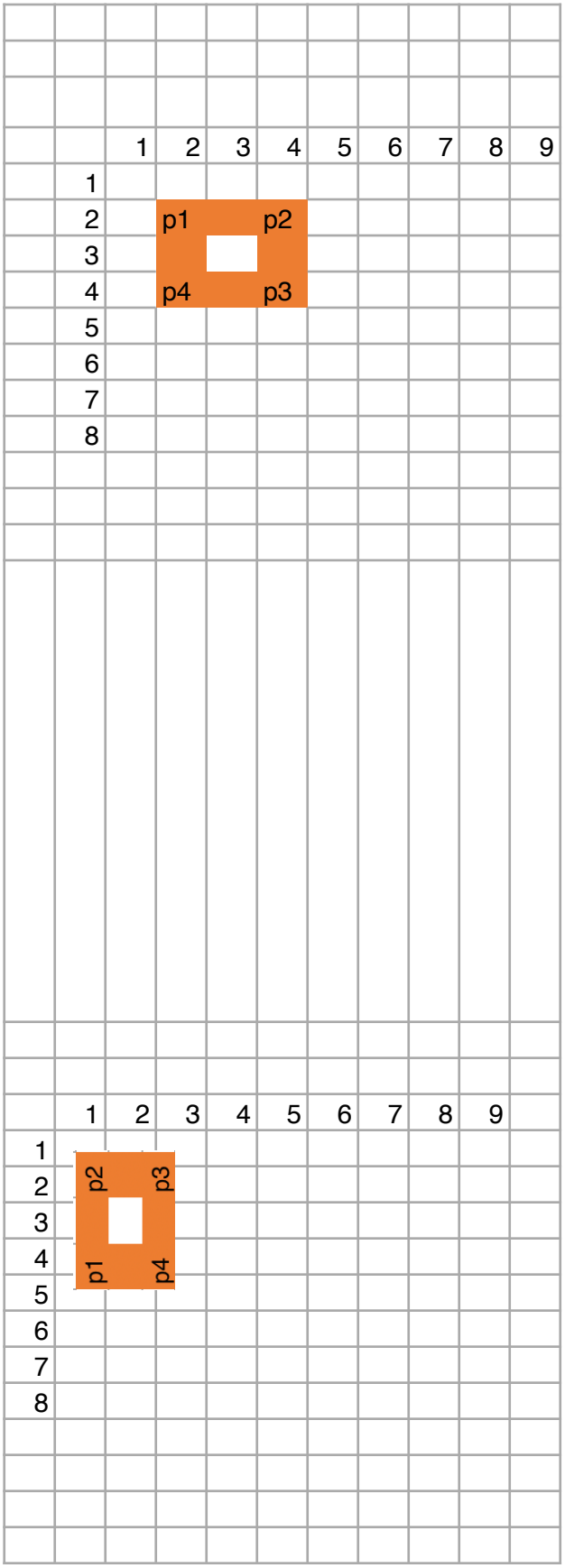
	P'		M		P
p1'	x 2 y 0.00 z 4 1	=	1 0 **0** 0 0 -0.0 -1 0 0 1 -0.0 0 0 0 0 1	●	2 4 0 1

Radianes
1.57079632

$$\begin{pmatrix} 1 & 0 & 0 & 0 \\ 0 & 0 & -1 & 0 \\ 0 & 1 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{pmatrix} \cdot \begin{pmatrix} 2 \\ 4 \\ 0 \\ 1 \end{pmatrix}$$

Result:

$$\begin{pmatrix} 2 \\ 0 \\ 4 \\ 1 \end{pmatrix}$$


1 2 3 4 5 6 7 8 9
1
2
3
4
5
6
7
8
p1
p2
p4
p3
1 2 3 4 5 6 7 8 9
1
2
3
4
5
6
7
8
p2
p3
p1
p4