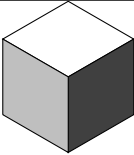
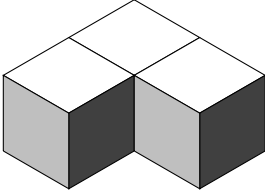
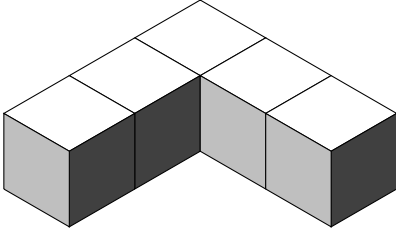


Matrix	P	Q	Partition (table)	Partition (diagram)
$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{pmatrix}$	$\boxed{1}$	$\boxed{1}$	$\boxed{1}$	
$\begin{pmatrix} 0 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 0 \end{pmatrix}$	$\boxed{2}$	$\boxed{2}$	$\begin{array}{ c c } \hline \boxed{1} & \boxed{1} \\ \hline \boxed{1} & \\ \hline \end{array}$	
$\begin{pmatrix} 0 & 0 & 0 \\ 0 & 0 & 0 \\ 0 & 0 & 1 \end{pmatrix}$	$\boxed{3}$	$\boxed{3}$	$\begin{array}{ c c c } \hline \boxed{1} & \boxed{1} & \boxed{1} \\ \hline \boxed{1} & & \\ \hline \boxed{1} & & \\ \hline \end{array}$	
$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix}$	$\boxed{3} \boxed{2} \boxed{1}$	$\boxed{3} \boxed{2} \boxed{1}$	$\begin{array}{ c c c } \hline \boxed{3} & \boxed{2} & \boxed{1} \\ \hline \boxed{2} & & \\ \hline \boxed{1} & & \\ \hline \end{array}$	