$\frac{1}{2}\left[\begin{matrix}4&2\\10&12\end{matrix}\right]= \left[\begin{matrix}p&q\\r&s\end{matrix}\right]-3 \left[\begin{matrix}2&0\\1&3\end{matrix}\right] $

 $\left[\begin{matrix}2&1\\5&6\end{matrix}\right]= \left[\begin{matrix}p&q\\r&s\end{matrix}\right]-\left[\begin{matrix}6&0\\3&9\end{matrix}\right]$

 $\left[\begin{matrix}2&1\\5&6\end{matrix}\right]= \left[\begin{matrix}p-6&q-0\\r-3&s-9\end{matrix}\right]$

 p – 6 = 2 q – 0 = 1 r – 3 = 5 s – 9 = 6

p = 2 + 6 q = 1 + 0 r = 5 +3 s = 6 + 9

p = 8 q = 1 r = 8 s = 15