

Input

$a$	$b$	$c$	$d$
$e$	$f$	$g$	$h$
$i$	$j$	$k$	$l$

Kernel

$w$	$x$
$y$	$z$

Output

$$\begin{array}{rcl} aw & + & bx & + \\ ey & + & fz & \end{array}$$

$$\begin{array}{rcl} bw & + & cx & + \\ fy & + & gz & \end{array}$$

$$\begin{array}{rcl} cw & + & dx & + \\ gy & + & hz & \end{array}$$

$$\begin{array}{rcl} ew & + & fx & + \\ iy & + & jz & \end{array}$$

$$\begin{array}{rcl} fw & + & gx & + \\ jy & + & kz & \end{array}$$

$$\begin{array}{rcl} gw & + & hx & + \\ ky & + & lz & \end{array}$$