

Input

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

Kernel

w	x
y	z

Output

$$aw + bx + ey + fz$$

$$bw + cx + fy + gz$$

$$cw + dx + gy + hz$$

$$ew + fx + iy + jz$$

$$fw + gx + jy + kz$$

$$gw + hx + ky + lz$$