For Filter 1:

- m11*f11* + *m12*f12 + m21*f21* + *m22*f22
- m21*f11* + *m22*f12 + m31*f21* + *m32*f22
- m31*f11* + *m32*f12 + m41*f21* + *m42*f22

For Filter 2:

- m12*f11* + *m13*f12 + m22*f21* + *m23*f22
- m22*f11* + *m23*f12 + m32*f21* + *m33*f22
- m32*f11* + *m33*f12 + m42*f21* + *m43*f22

And after applying the 2x2 max pooling to these feature maps, the final resulting outputs would be:

- max(p11, p12, p21, p22)
- max(p12, p13, p22, p23)
- max(p21, p22, p31, p32)
- max(p22, p23, p32, p33)