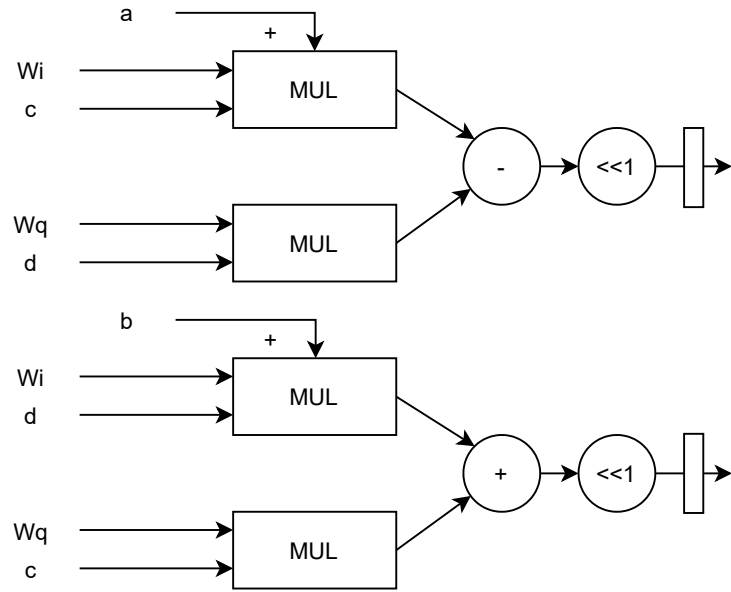
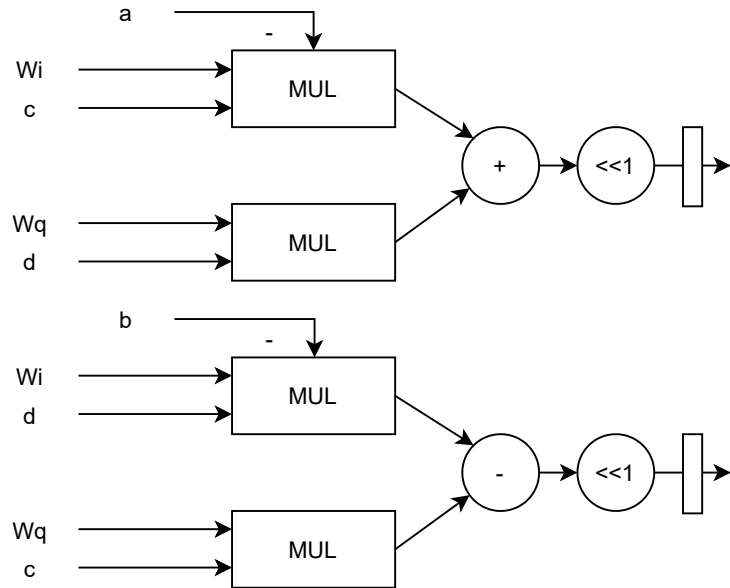


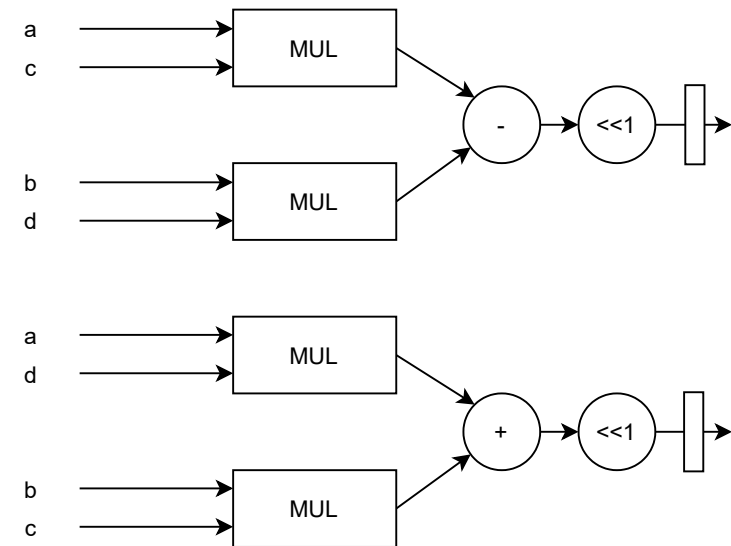
$$\text{MULADD: } (a+jb) + (Wi+jWq)*(c+jd) \\ = (a + Wi*c - Wq*d) + j(b + Wi*d + Wq*c)$$



$$\text{MULSUB: } (a+jb) - (Wi+jWq)*(c+jd) \\ = (a - Wi*c + Wq*d) + j(b - Wi*d - Wq*c)$$



$$\text{MUL: } (a+jb) * (c+jd) \\ = (a*c - b*d) + j(a*d + b*c)$$



$$\text{MAX: } (a+jb) * (a-jb) >? (c+jd) * (c-jd) \\ = (a*a+b*b) >? (c*c+d*d) ? (a*a+b*b) : (c*c+d*d)$$

