



$$ao = \sigma_{ReLU} \left(\sum_{i=0}^4 a_i \times w_i + b \right)$$

ALGORITHM

```

z ← 0
for i = 0 to 4
    z ← z + ai × wi
end
z ← z + b
ao ← z if z ≥ 0, else 0
    
```



