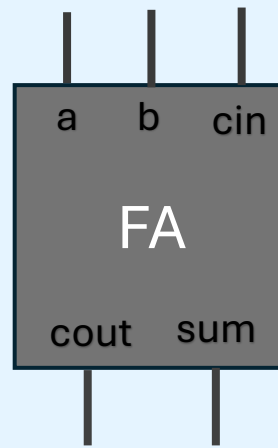


Full Adder



$$\text{sum} = a \oplus b \oplus \text{cin}$$

$$\text{cout} = (a * b) + (b * \text{cin}) + (a * \text{cin})$$