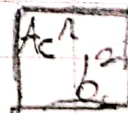
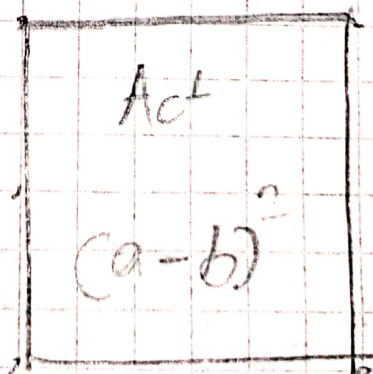
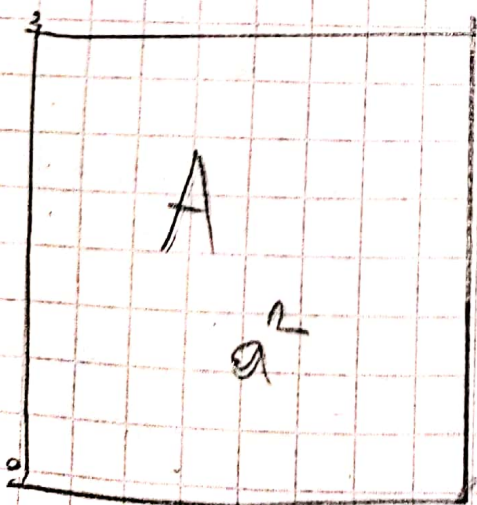
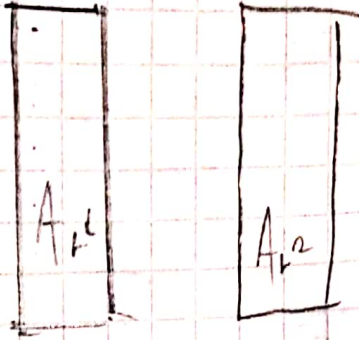


$$A = A_{r1} + A_{r2} + A_{c1} + A_{c2}$$

$$a^2 = (a-b)^2 + 2(a-b)b + b^2$$

$$a^2 = (a-b)^2 + 2ab - 2b^2 + b^2$$





$$A_1 = b(a-b)$$

$$a^2 = b(a-b) + b(a-b) + (a+b)^2 + b^2$$

$$a^2 = (a-b)^2 + 2b(a-b) + b^2$$



$$a^2 = (a-b)^2 + 2ba - 2b^2 + b^2$$

$$a^2 = (a-b)^2 + 2b(a-b) + b^2$$



$$a^2 - 2ba + b^2 = (a-b)^2$$