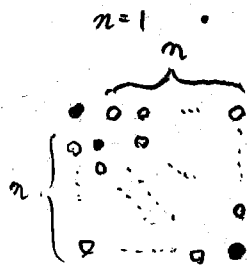


三角数  $T_n$  について

$$T_n = 1 + 2 + \dots + n = \frac{n(n+1)}{2}$$

H27. 11. 29



$n=2 \therefore T_2=3$  ...

白石の個数  $2T_n$

黒石の "  $n+1$

石の "  $(n+1)^2$

$$2T_n + n + 1 = (n+1)^2$$

$$2T_n = (n+1)^2 - (n+1)$$

$$= n(n+1)$$

$$T_n = \frac{n(n+1)}{2}$$