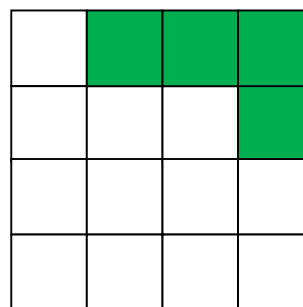
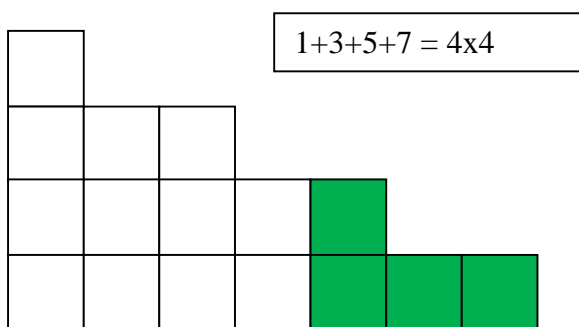
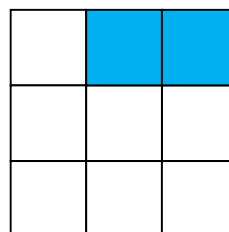
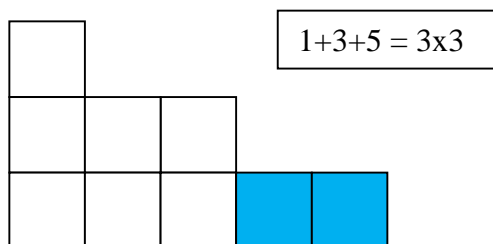


Square Numbers

Show rows of consecutive odd numbers with blocks.
Split this into two parts to make one square.



$$\begin{aligned} 36 &= 1 + 3 + 5 + 7 + 9 + 11 \\ &= 1 + 3 + 5 + (6 + 1) + (6 + 3) + (6 + 5) \\ &= (1 + 5) + (3 + 3) + (5 + 1) + 6 + 6 + 6 \\ &= 6 \times 6 \end{aligned}$$

Continue exploring. ... Prepare a brief report when you can explain the connection between the drawings and the equations.