

Satellite signals

Dr Dee is looking at patterns in satellite signals.

- 1 For each signal,
- draw the next two patterns
 - write the number of dots or lines in each pattern.



A large grid area for drawing patterns. The grid contains several pre-drawn patterns for continuation:

- Row 1: A sequence of four square wave patterns. The first is a single square, the second is two squares, the third is three squares, and the fourth is four squares.
- Row 2: A sequence of four 3x3 dot grids. The first is a full 3x3 grid, the second is a 3x3 grid with the center dot missing, the third is a 3x3 grid with the four corner dots missing, and the fourth is a 3x3 grid with only the center dot.
- Row 3: A sequence of three 3x3 line grids. The first is a full 3x3 grid of horizontal lines, the second is a 3x3 grid with the center horizontal line missing, and the third is a 3x3 grid with the four corner horizontal lines missing.
- Row 4: A sequence of four cross patterns. The first is a single cross, the second is two crosses, the third is three crosses, and the fourth is four crosses.
- Row 5: A sequence of five square patterns. The first is a single square, the second is two squares, the third is three squares, the fourth is four squares, and the fifth is five squares.

- 2 Complete the print out for the missing numbers in these patterns.

1st number	2nd number	3rd number	4th number	5th number	7th number	10th number
4,	11,	18,	25,	32,	46,	67
60,	55,	50,	45,			
3,	9,	15,	21,			
1,	2,	4,	8,			
1,	4,	9,	16,			