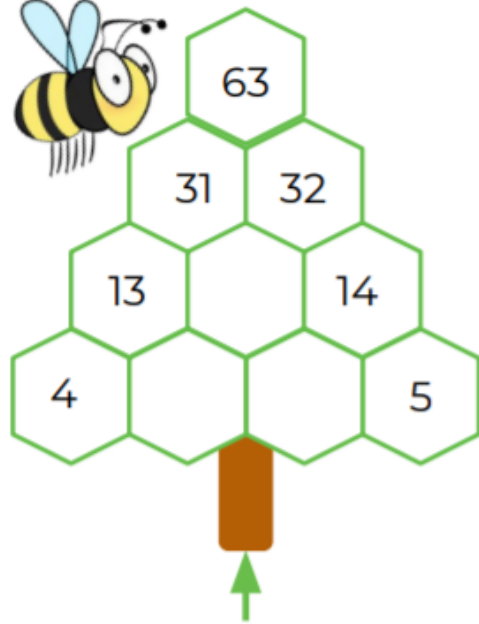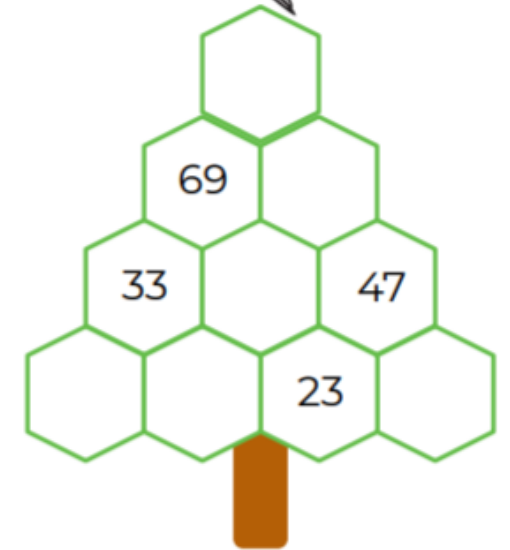# To Start

Complete the number trees. The number at the top is the sum of the two numbers below it.

Tree 1:
- 63
- 31, 32
- 13, 14
- 4, 5

This one has been ALMOST completed for you

Tree 2:
- (top)
- 38
- 22
- 4, 10, 20

Tree 3:
- 202
- 48, 38
- 13, 15

Tree 4:
- 69
- 33, 47
- 23
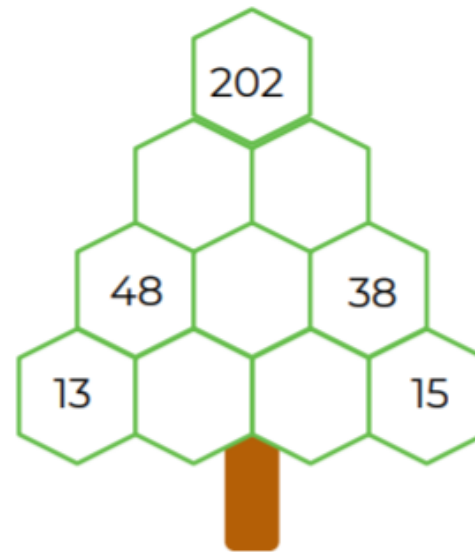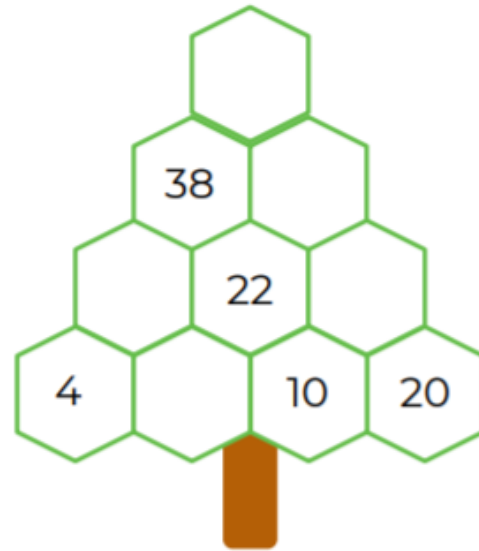
Moving on

Letter	Coordinate	Letter	Coordinate
A		G	
B		H	
C		I	
D		J	
E		K	
F		L	

Moving on

Grid 1 (y-axis: 6, 5, 4, 3, 2, 1; x-axis: 0, 1, 2, 3, 4, 5, 6)

(1,1) (5,1) (5,5) (1,5)

Shape: _____

Grid 2 (y-axis: 6, 5, 4, 3, 2, 1; x-axis: 0, 1, 2, 3, 4, 5, 6)

(1,3) (5,3) (5,5) (1,5)

Shape: _____

Grid 3 (y-axis: 6, 5, 4, 3, 2, 1; x-axis: 0, 1, 2, 3, 4, 5, 6)

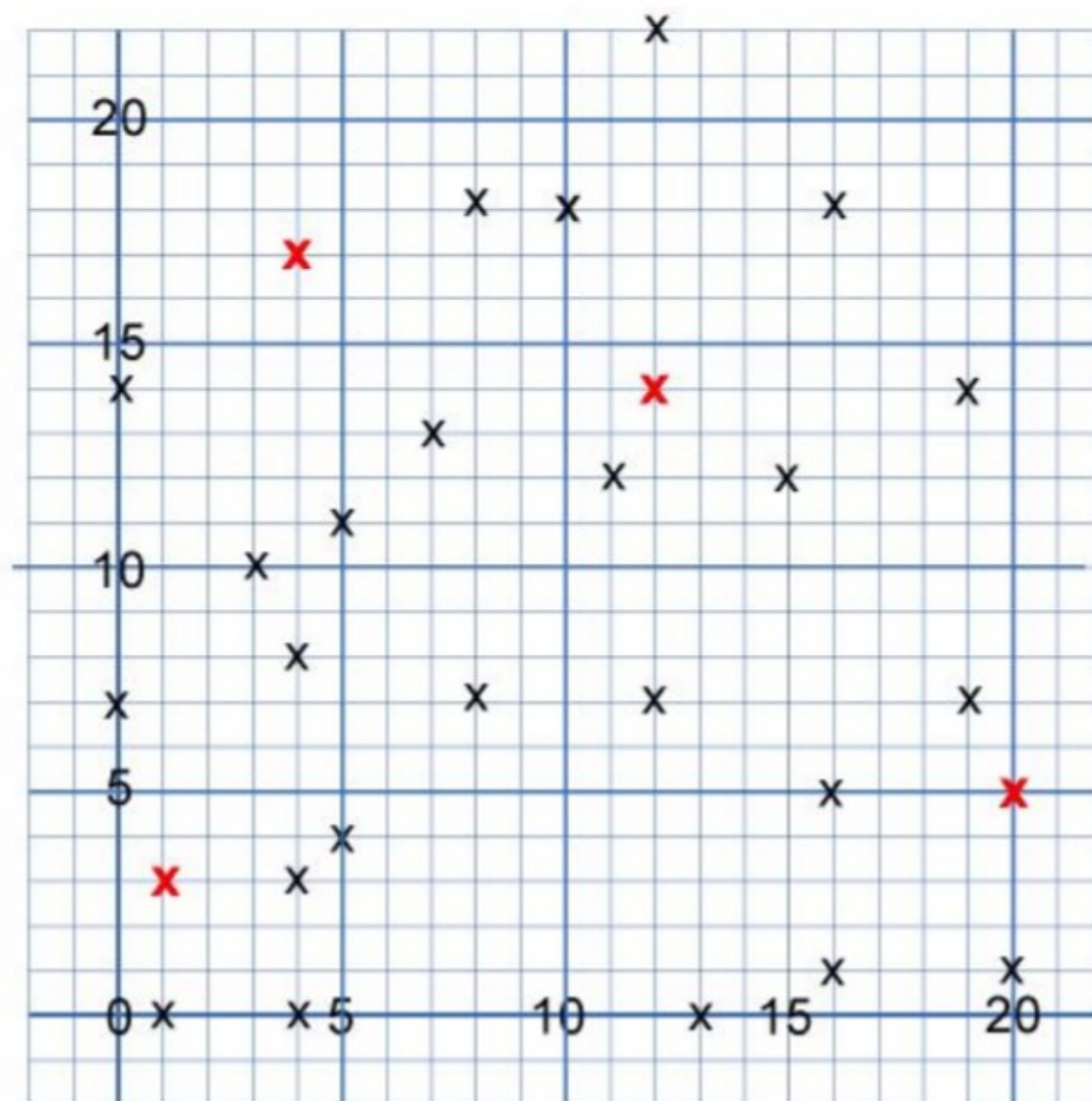(0,3) (3,6) (6,3) (3,0)
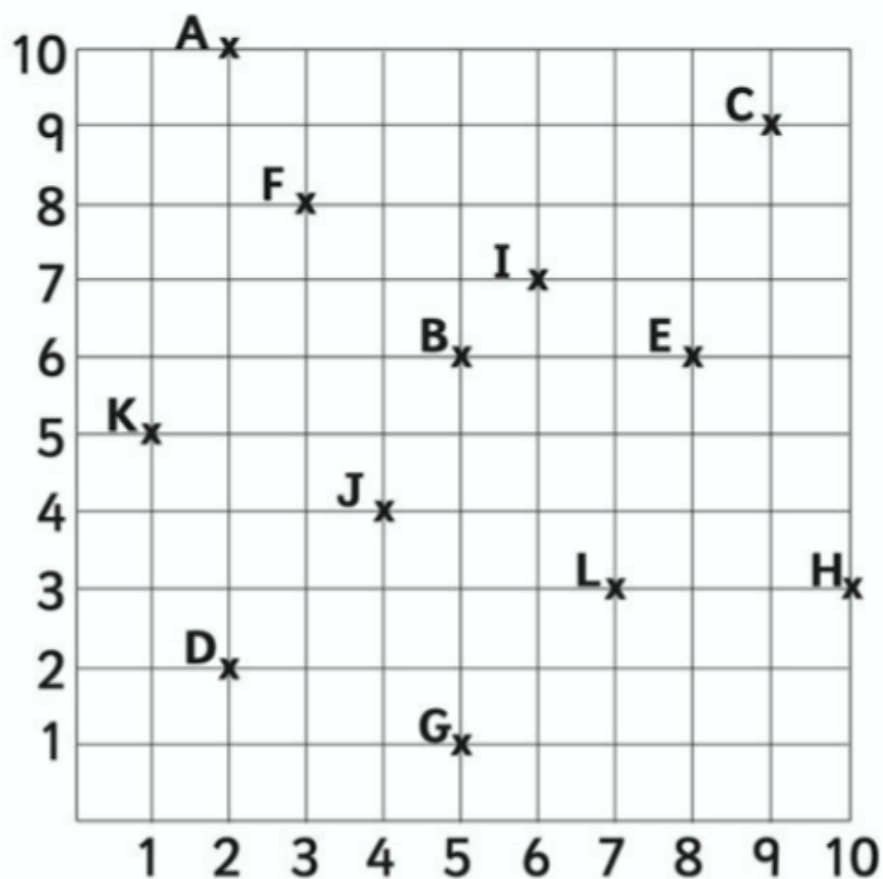
Shape: _____
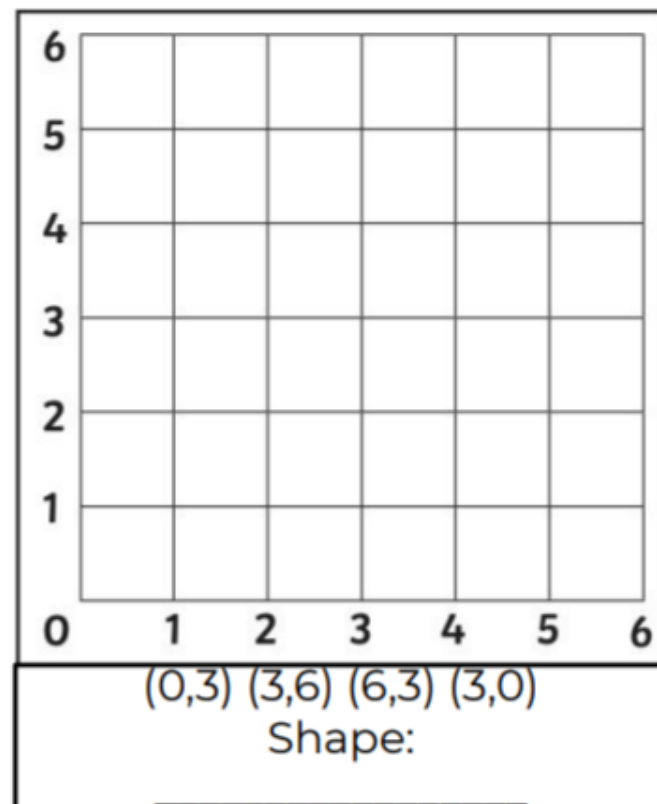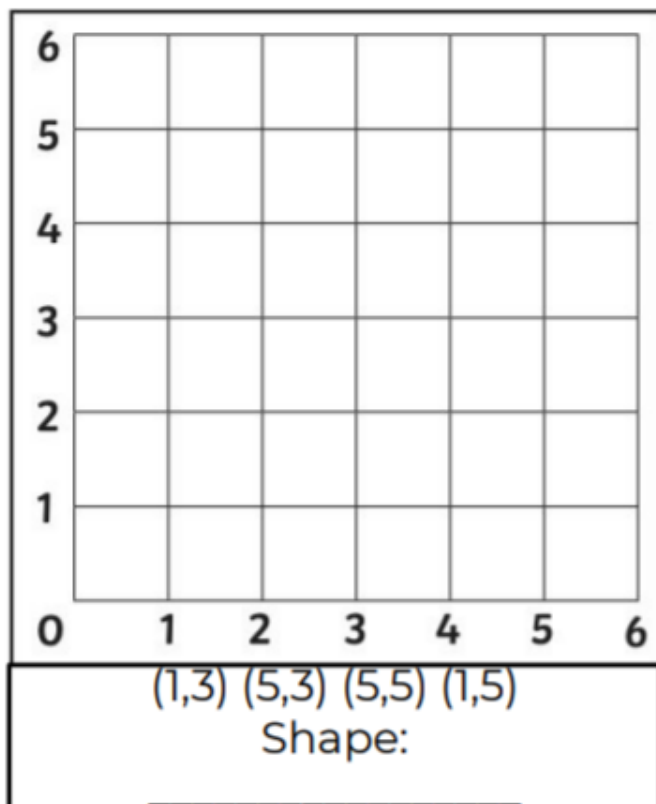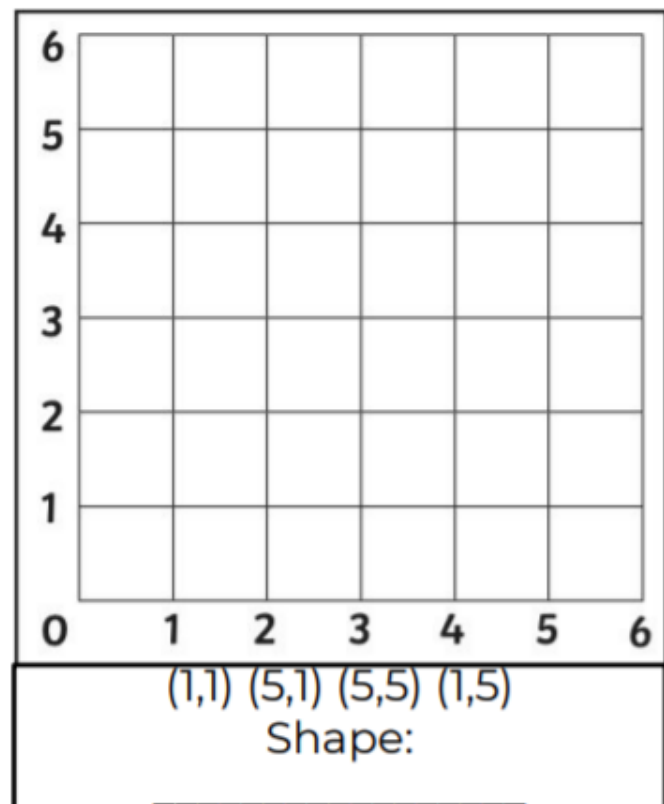
Main task

These points all mark the vertices (corners) of eight hidden squares.

Each of the 4 red points is a vertex shared by two squares.

The other 24 points are each a vertex of just one square.

All the squares are different sizes.

Main task

Can you find all 8 of the squares and mark them off on the grid by joining their vertices up?
I'll give you the coordinates of one square for free!

(0,14) (3,10) (7,13) (4,17)