

**Year 4 Bronze Badge** - Complete both tasks and hand this back to your class teacher.

**Task 1**

PTRC

Describe positions on a 2D grid as co-ordinates in the 1<sup>st</sup> quadrant

Use the grid to work out the message written in co-ordinates

	(6, 7) (9, 5) (6, 5)
	(3, 3) (9, 5)
	(5, 8) (9, 5) (1, 8)
	(7, 1) (3, 8) (6, 4) (7, 9)
	(9, 9) (7, 9) (2, 2) (7, 9) (7, 6)
	(7, 9) (2, 2) (7, 9) (7, 6)?

**Task 2**

Find all the factor pairs of:

a. 24      b. 36      c. 18      d. 100

Break the second number down into factors to help find these products

e.g.      24 x 6	1. 16 x 12
= 24 x 2 x 3	2. 21 x 14
= 48 x 3	3. 22 x 18
= 144	4. 32 x 16
	5. 15 x 8
	6. 12 x 16