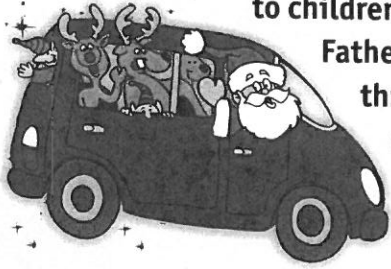


As he sets out on his journey to deliver presents to children around the world



Father Christmas goes through a starry part of the sky collecting stars to scatter nearer the earth.

He has a plan of the area, which is like a grid.

Each square of the grid shows the number of stars he could collect.

Father Christmas can travel horizontally, vertically or diagonally through the stars.

- What is the smallest / largest number of stars Father Christmas could collect?
- How many stars are there in the shortest route / the longest route?
- Is there a way to collect exactly 100 stars?
- Are there two different ways where he could collect the same number of stars?

Use different coloured lines to show your ways through the stars.



17	6	4	2	3
3	5	6	10	6
6	9	16	11	5
13	10	5	18	4
2	8	7	12	13

