



MyMaths Christmas coordinates

Question 1

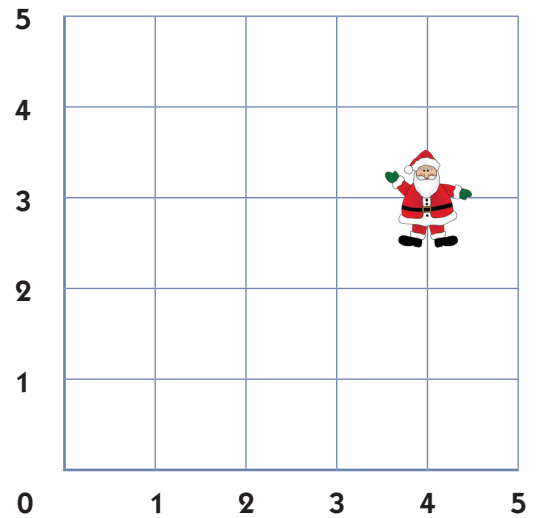
Father Christmas is working on his sense of direction before Christmas Eve. Can you help him out?

Moving coordinates

Starting at (4,3) for each translation, what will Father Christmas's new coordinates be after the translation?

Right 1 (,) Left 2 (,)

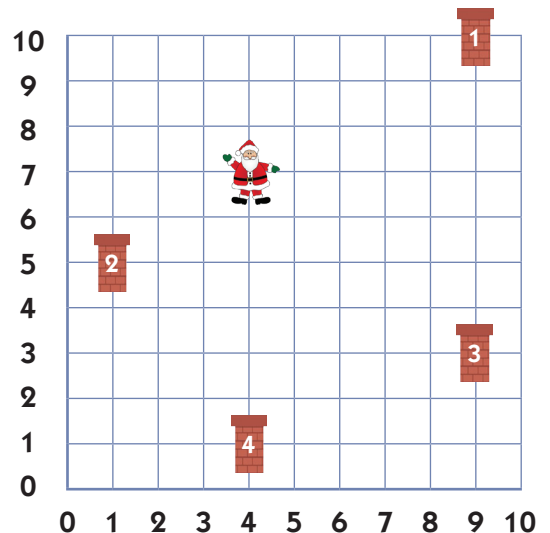
Up 2 (,) Down 2 (,)



Question 2

In as few moves as possible, move Father Christmas to each of the four chimneys so he can deliver his Christmas presents:

Chimney 1	Chimney 2	Chimney 3	Chimney 4
Right <input type="text"/>	Right <input type="text"/>	Right <input type="text"/>	Right <input type="text"/>
Up <input type="text"/>	Up <input type="text"/>	Up <input type="text"/>	Up <input type="text"/>
Left <input type="text"/>	Left <input type="text"/>	Left <input type="text"/>	Left <input type="text"/>
Down <input type="text"/>	Down <input type="text"/>	Down <input type="text"/>	Down <input type="text"/>



Question 3

In which quadrant (1–4) are these points?

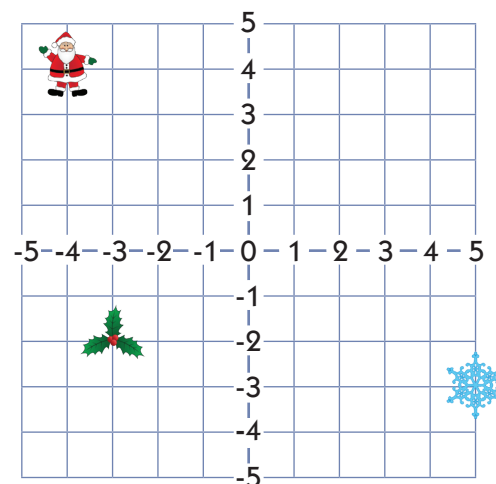
Father Christmas Snowflake

Holly

Write the coordinates of **any** point contained in the empty quadrant on the graph on the right.

(,) (,)

(,) (,)



For further practice take a look at the resources on Coordinates on MyMaths.co.uk