



**nrich**

Specialists in rich mathematics

# Route to Infinity

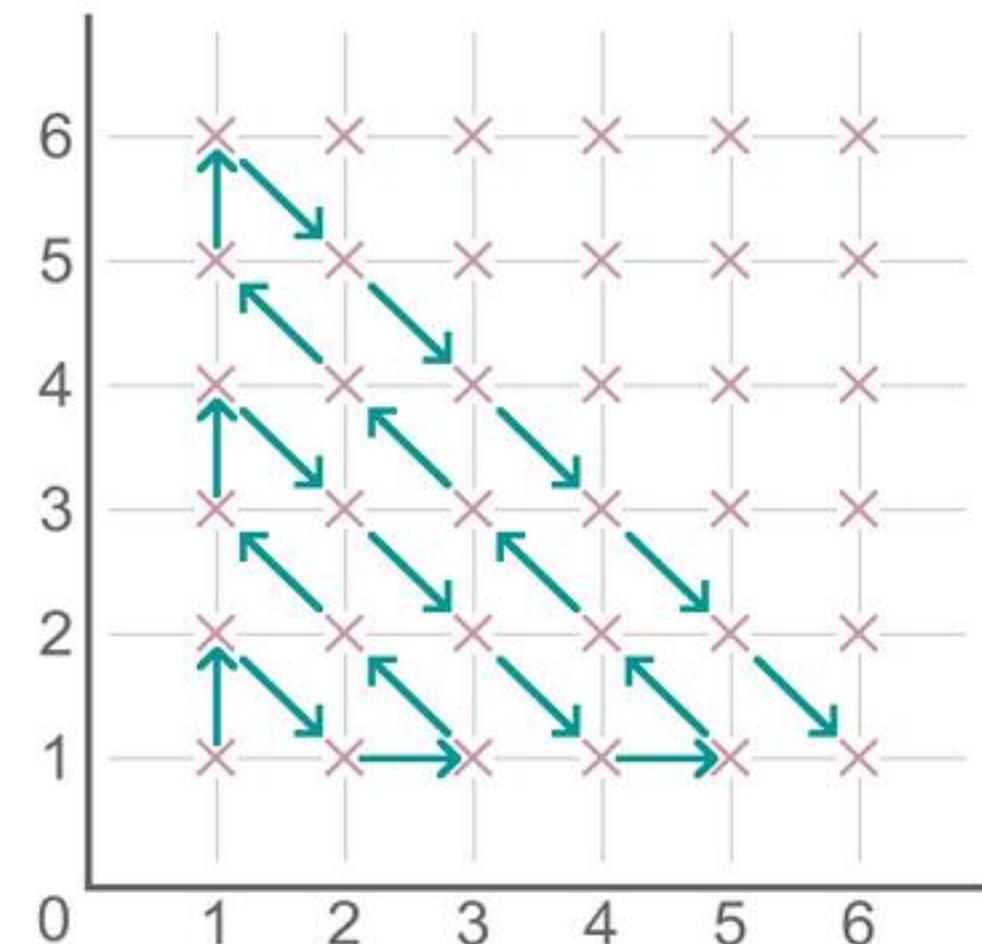
**Take some time to look  
at the route the arrows  
follow in the diagram.**

**Try and describe their path.**

**Will the route pass  
through the point  $(18, 17)$ ?**

**If so, which point will  
be visited next?**

**Through how many points  
does the route pass before  
it reaches the point  $(9, 4)$ ?**



Thousands more problems can be found on  
the NRICH Maths website:

<http://nrich.maths.org>