

Maths

## **Independent Task**

**To investigate a problem using symmetry**

Mr Critchlow



# To Start

Can you complete the number grid by putting the numbers into the correct places. It's like a crossword but with numbers not letters.

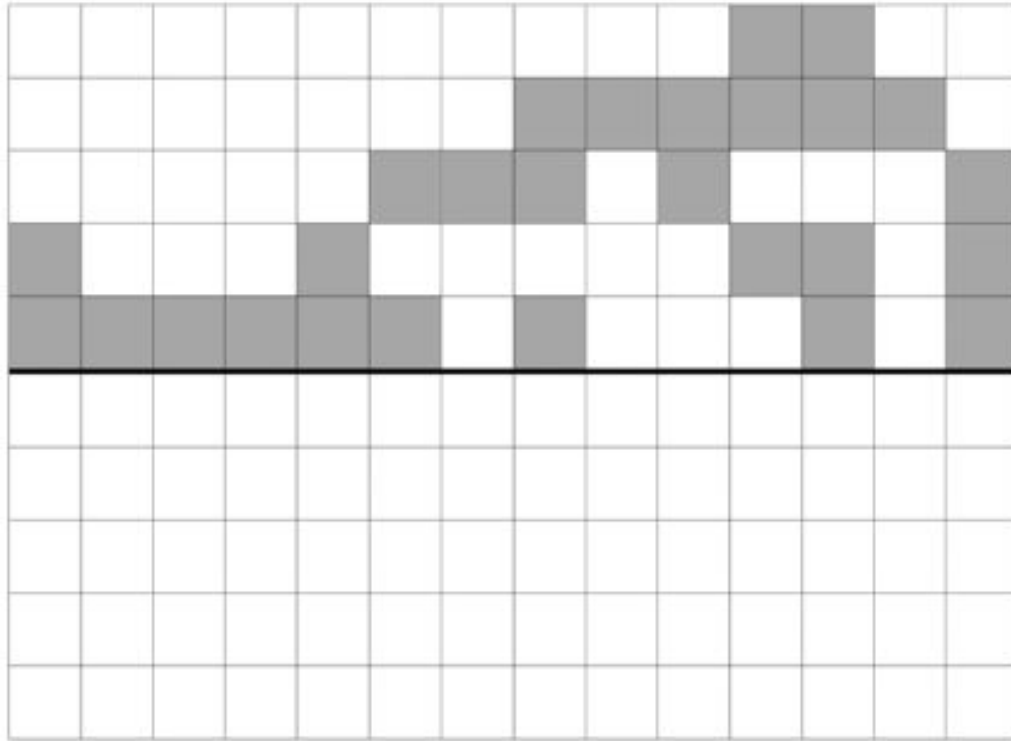
[illegible]

3 DIGITS	4 DIGITS	
143	2018	6271
265	2934	7065
368	3165	7931
451	3648	8023
527	4382	9426
584	4629	9487
702		5 DIGIT

5 DIGITS		6 DIGITS
15972	52876	<del>324179</del>
23781	53462	971302
27054	64217	
31648	86015	
32142	93205	

# Moving On

Can you complete the blocky picture using the mirror line running through the middle of the image?



# Symmetry Investigation

I think that every regular shape has the same number of lines of symmetry as it does sides.

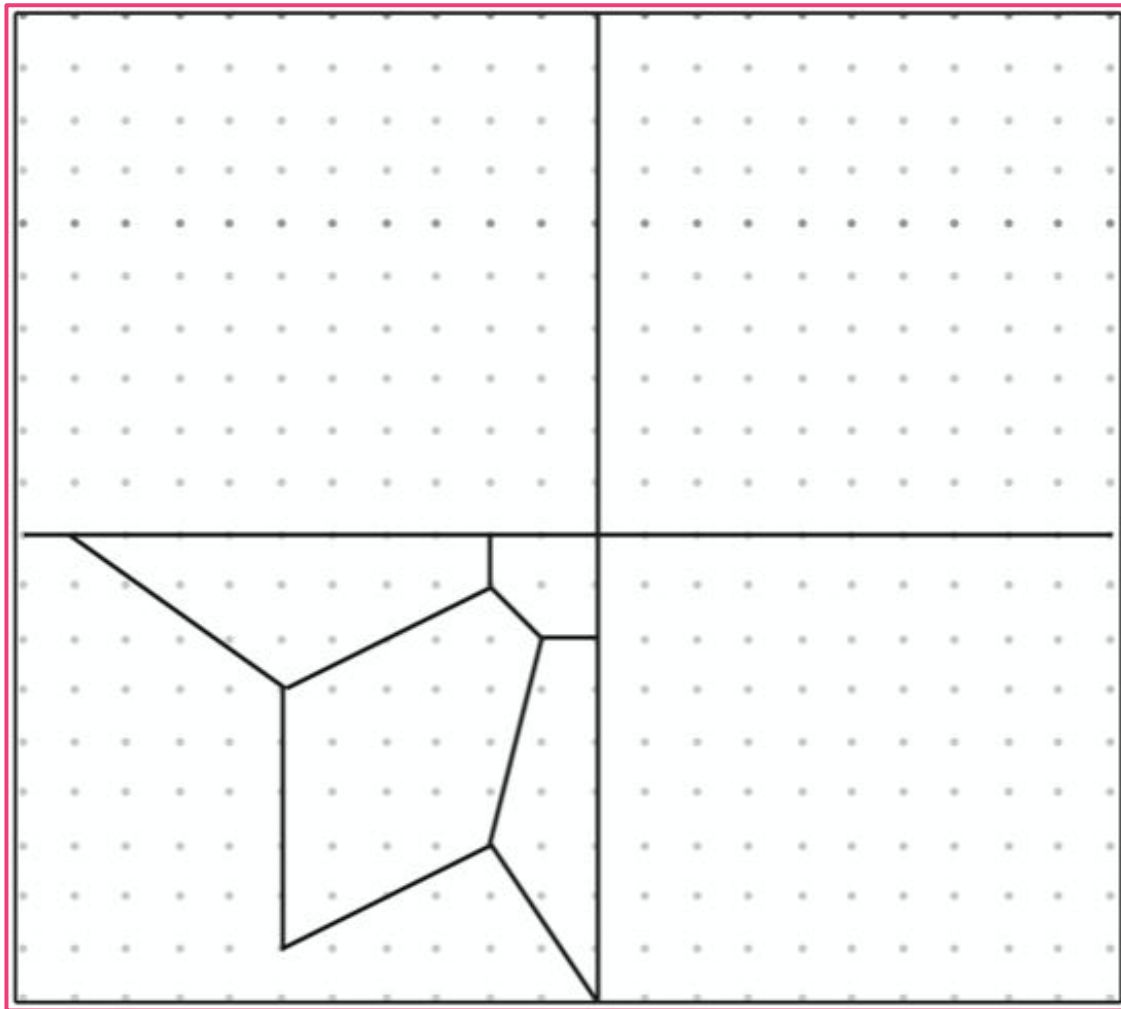
Shape	Sides	Lines of Symmetry	Shape	Sides	Lines of Symmetry



# Challenge A

**Can you complete  
this symmetrical  
picture over these  
mirror lines?**

**Start with the  
bottom right  
quadrant first and  
use the dots to  
help you!**



# Challenge A

**Can you complete  
this symmetrical  
picture over the  
mirror lines?**

**Start with the  
bottom and work  
your way up  
making use of the  
dots to help you!**

