Maths

Monday

1/2/21

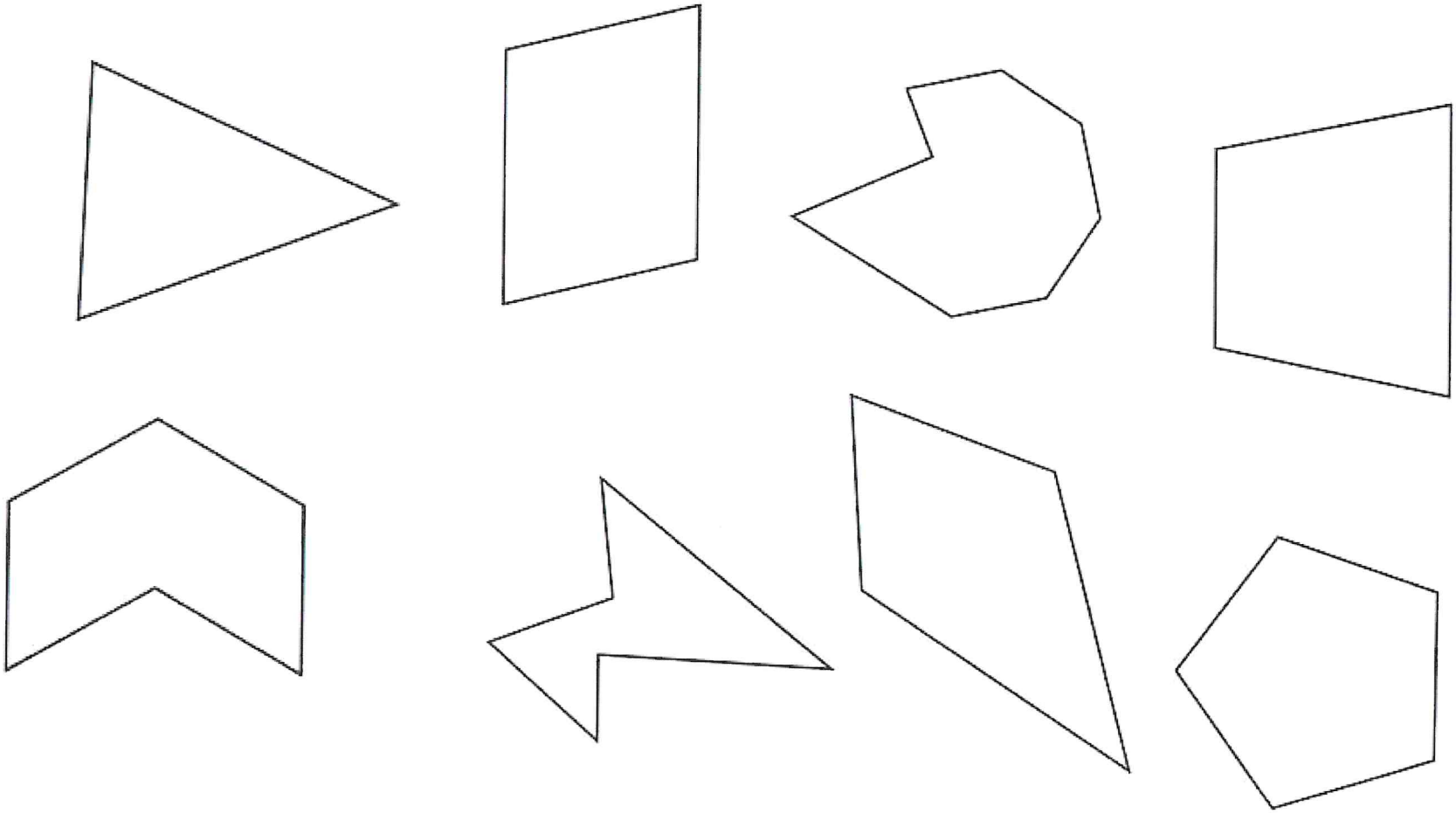
Independent Task

To recognise lines of symmetry in a 2-D shape.

Mr Critchlow

To Start

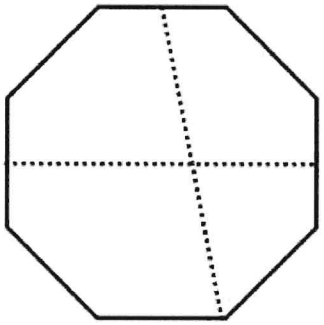
Regular or irregular. Name each shape?

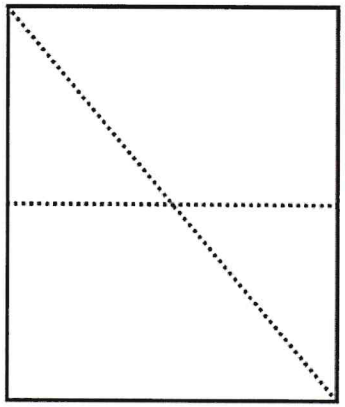


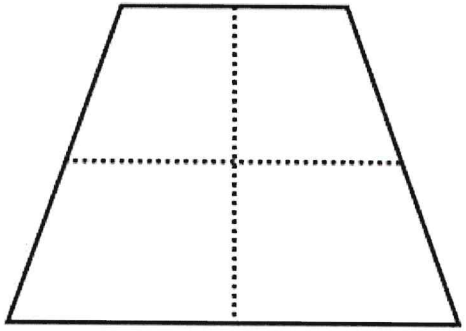
Moving on 1

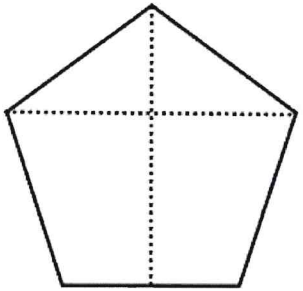
Each shape has 2 lines marked on it. Only one line is a line of symmetry. Tick the correct line of symmetry on each.

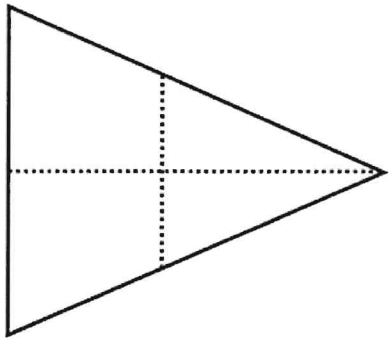
Line of symmetry or not?

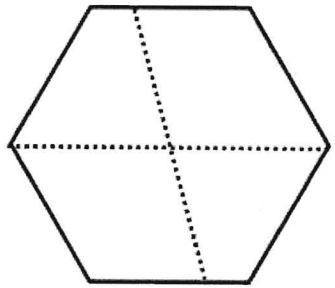






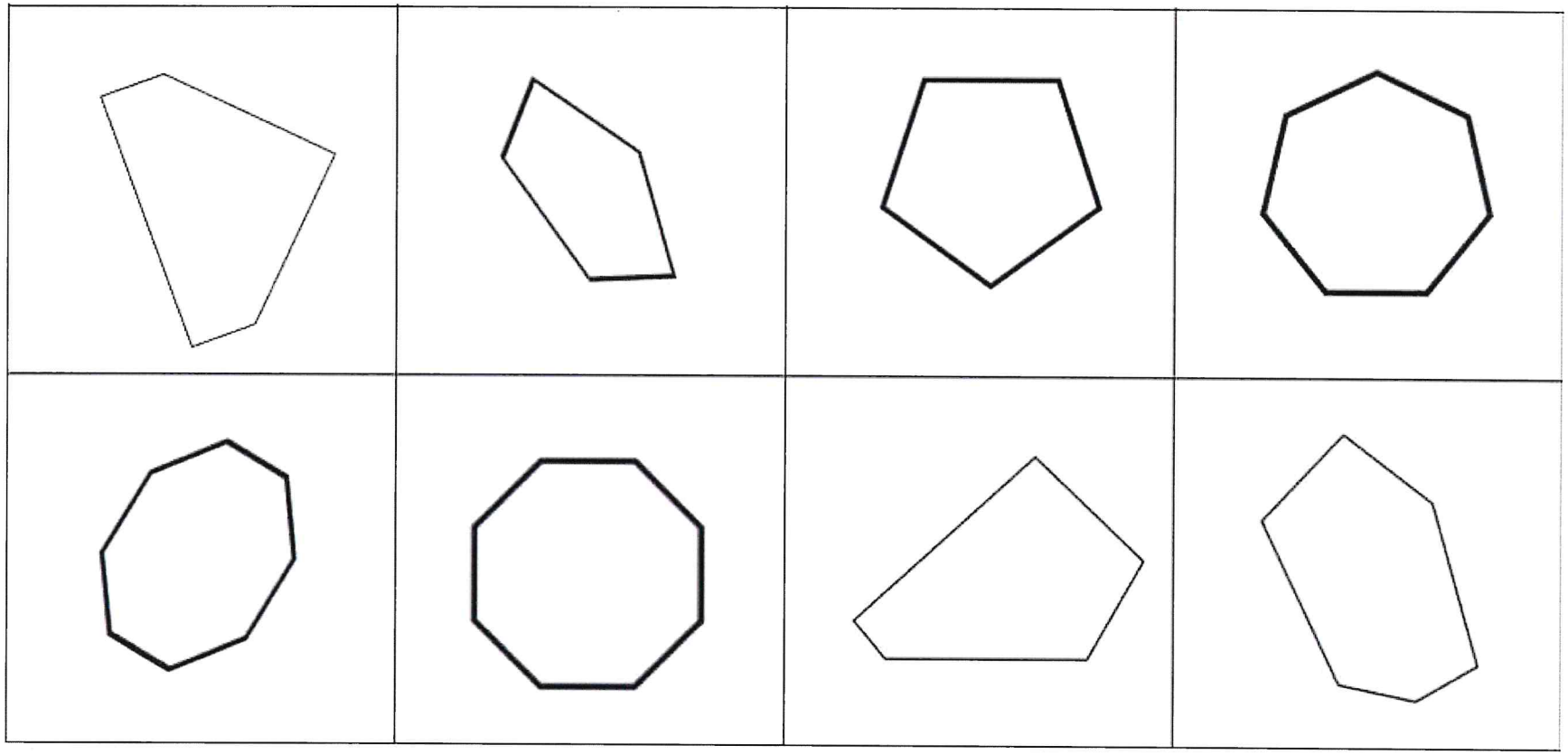






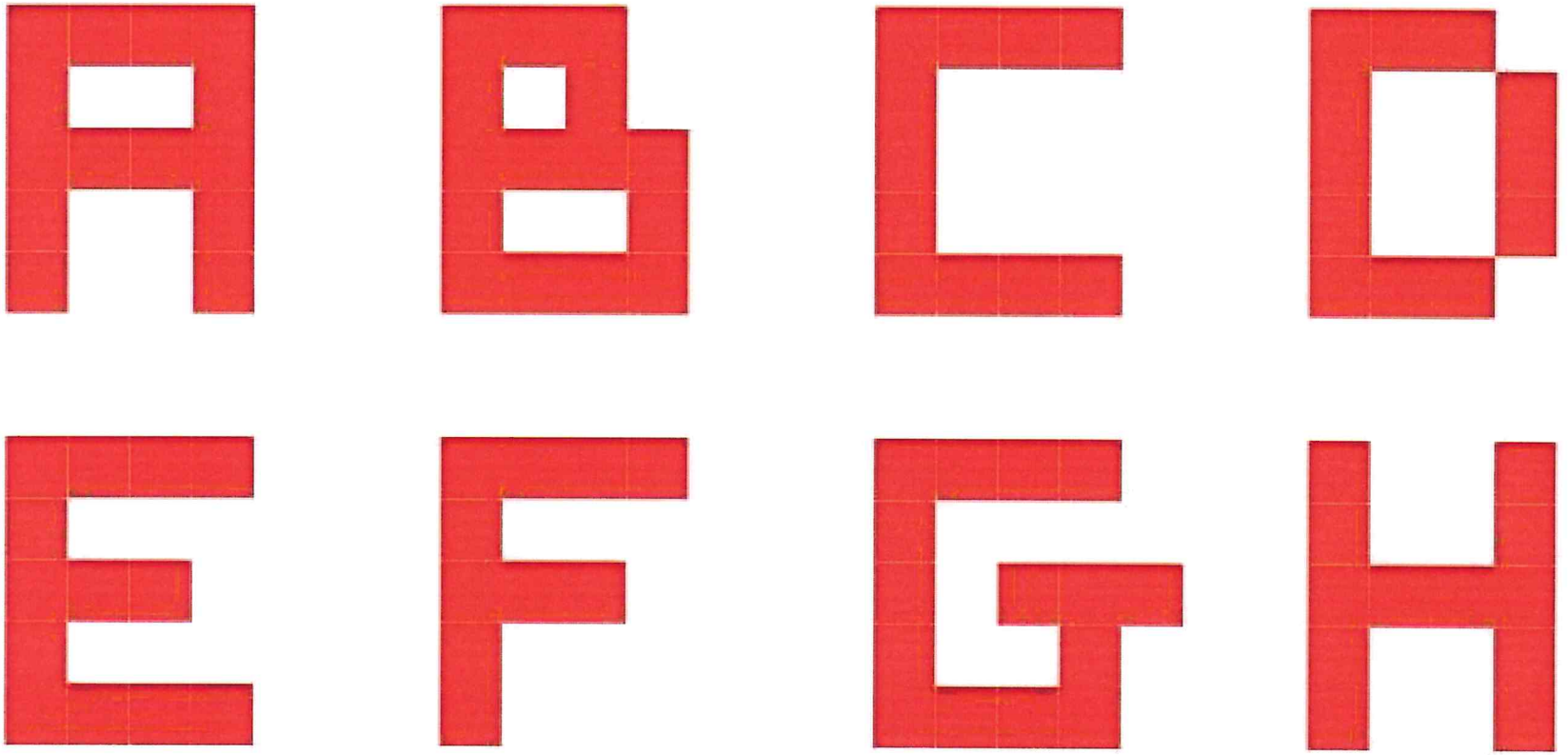
Moving on 2

How many lines of symmetry does each shape have? Write the number inside the shape



Main Task

Mark the lines of symmetry on the capital letters. Ue a ruler. Which shape as the most lines of symmetry?



Main Task

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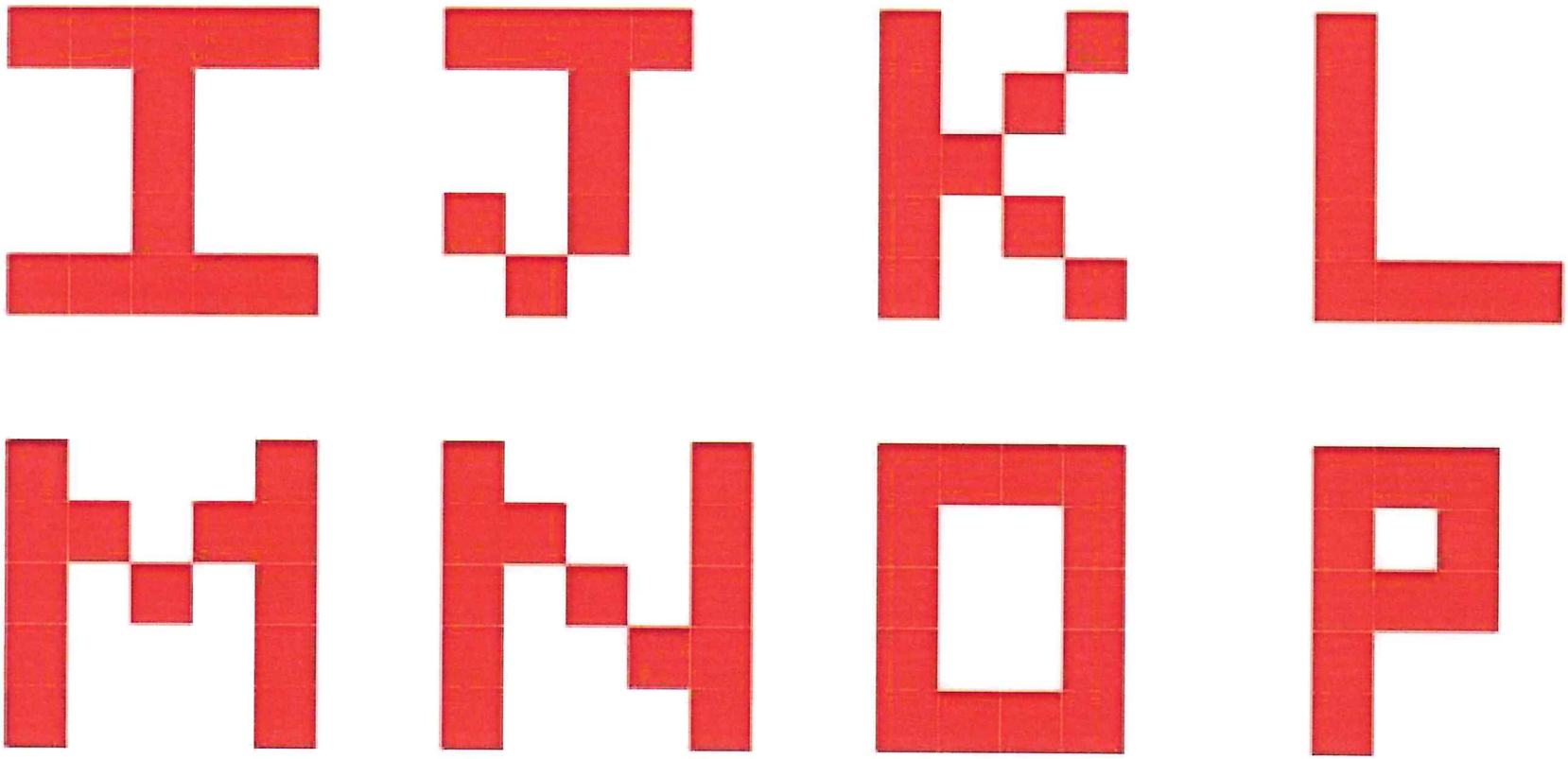
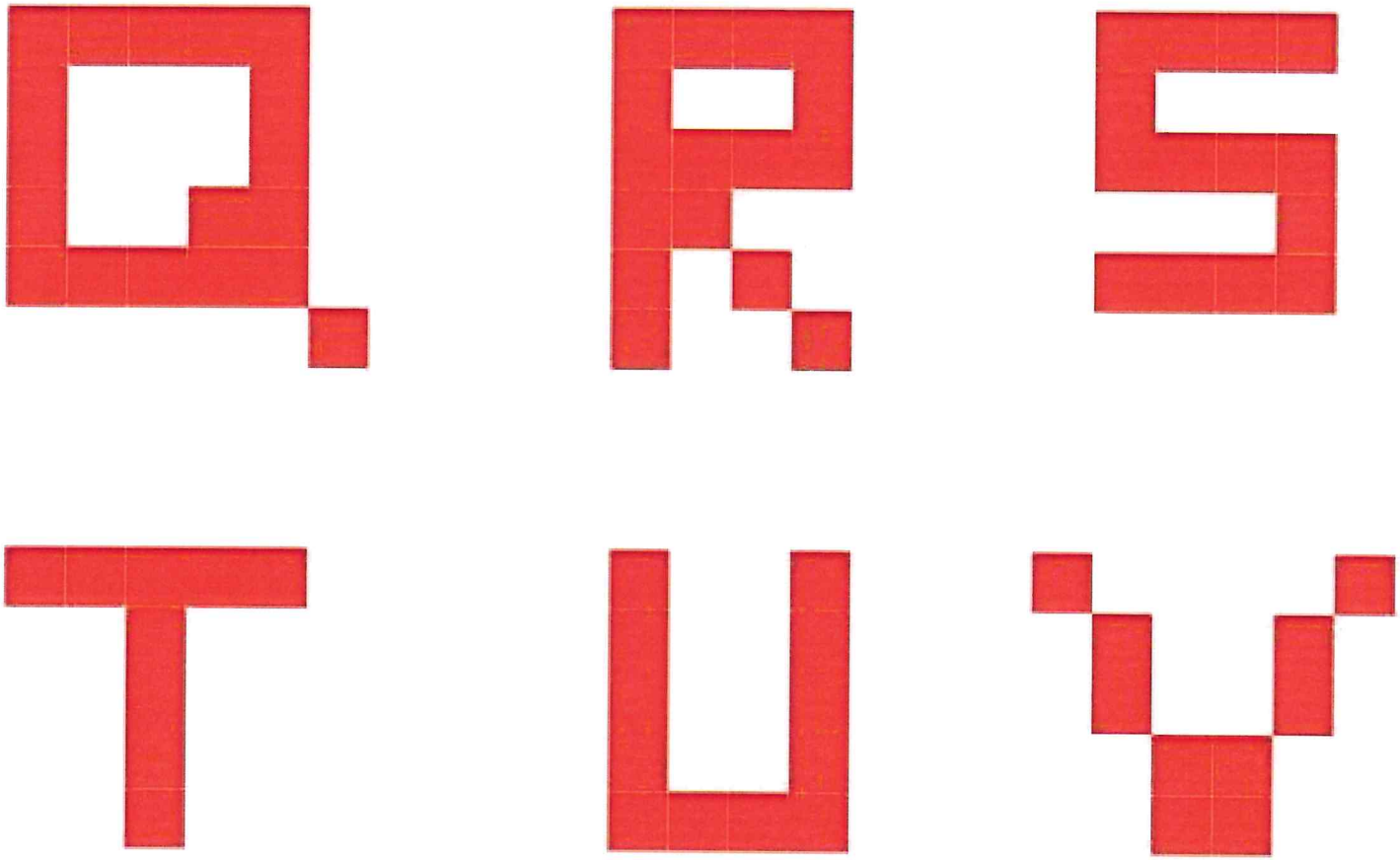


Main Task

Mark the lines of symmetry on the capital letters. Ue a ruler. Which shape as the most lines of symmetry?



Main Task

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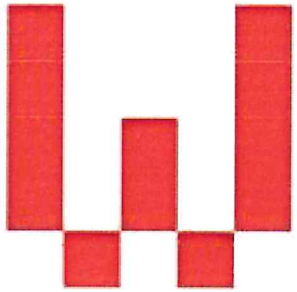
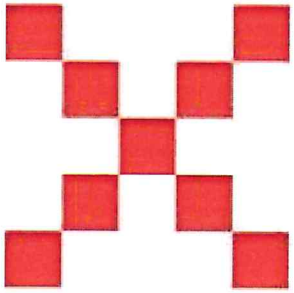
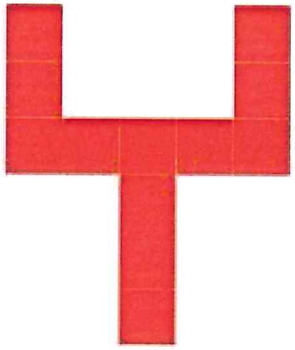
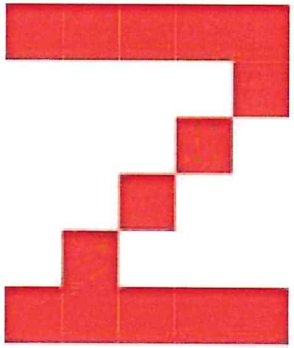








Tuesday

2/2/21

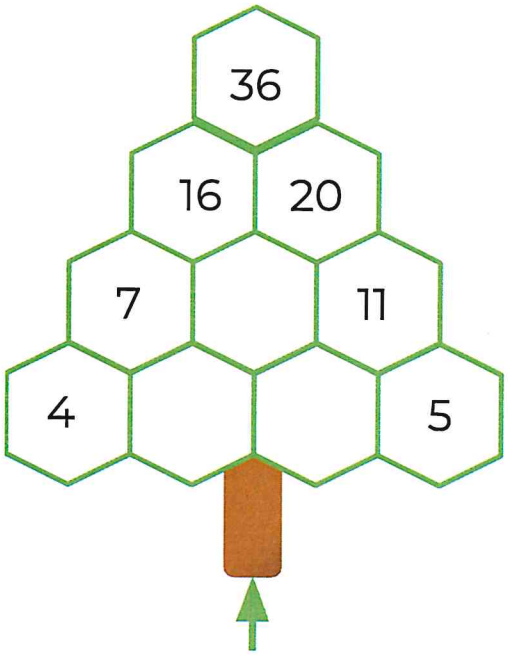
Maths

Independent Task
To identify lines of symmetry in a pattern

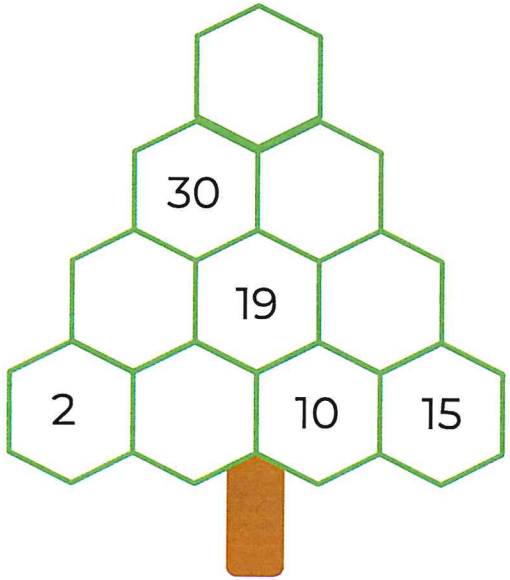
Mr Critchlow

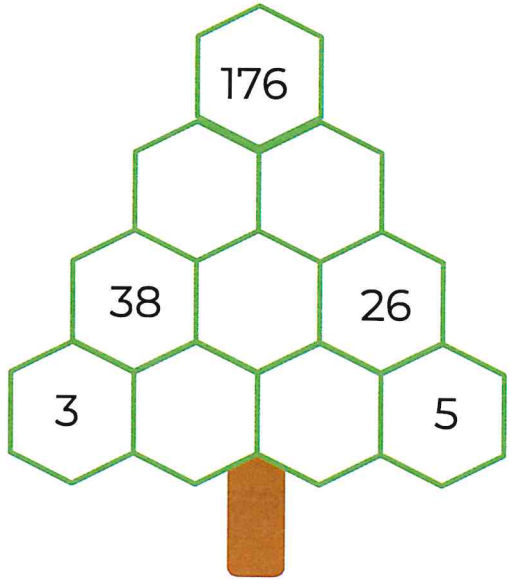
To Start

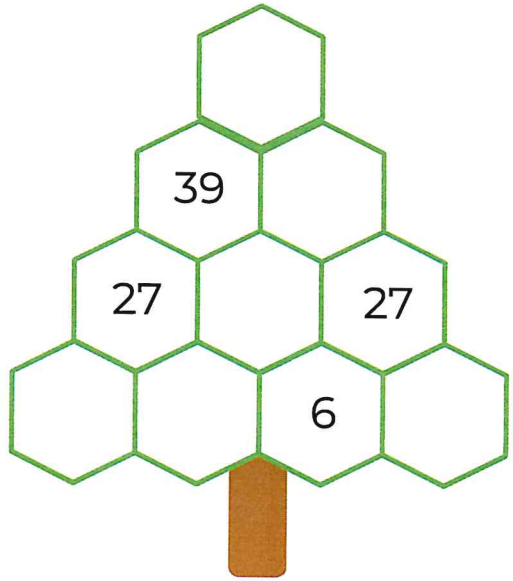
Complete the number trees. The number at the top is the sum of the two numbers below it.



This one has been ALMOST completed for you

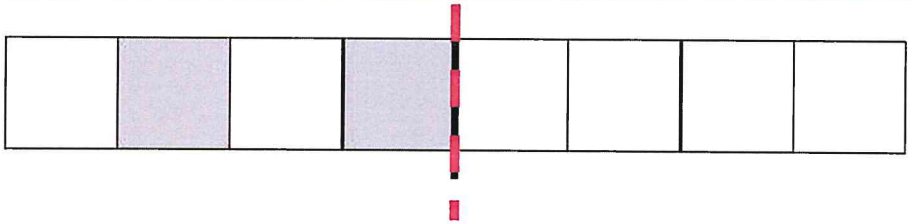


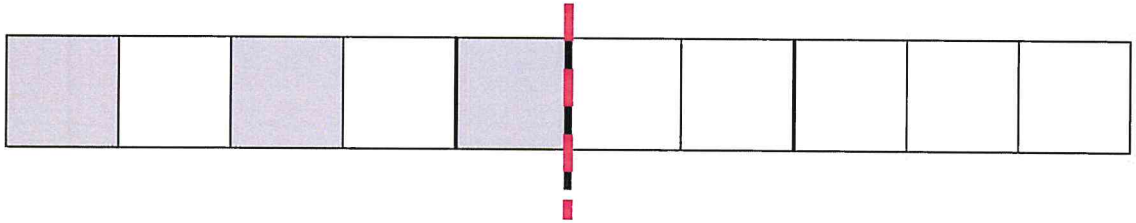


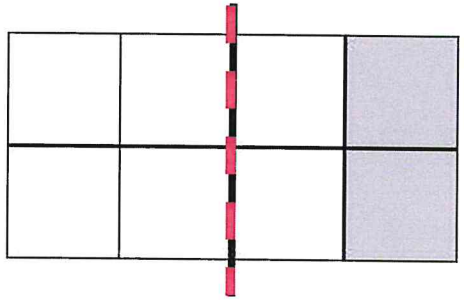


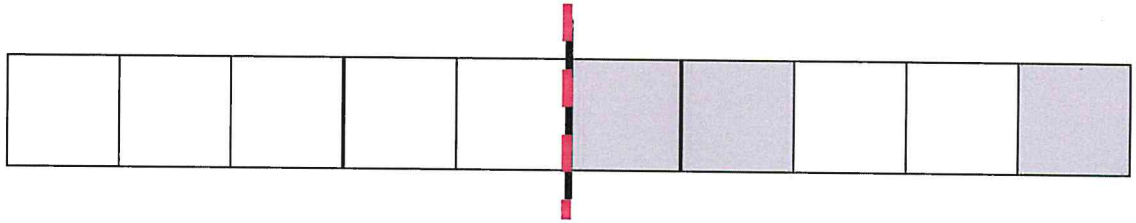
Moving on

Complete the symmetrical patterns by shading in the correct squares.



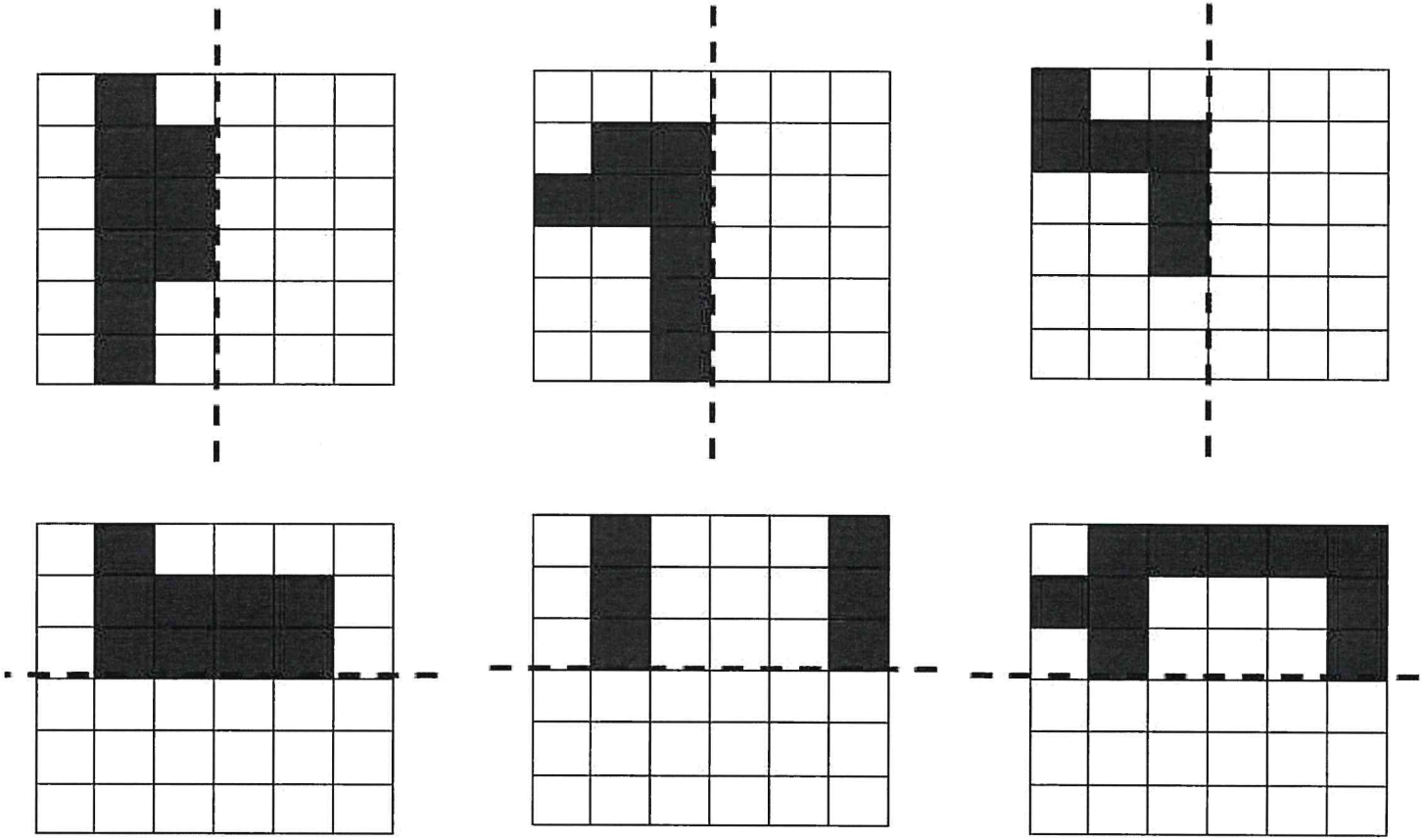






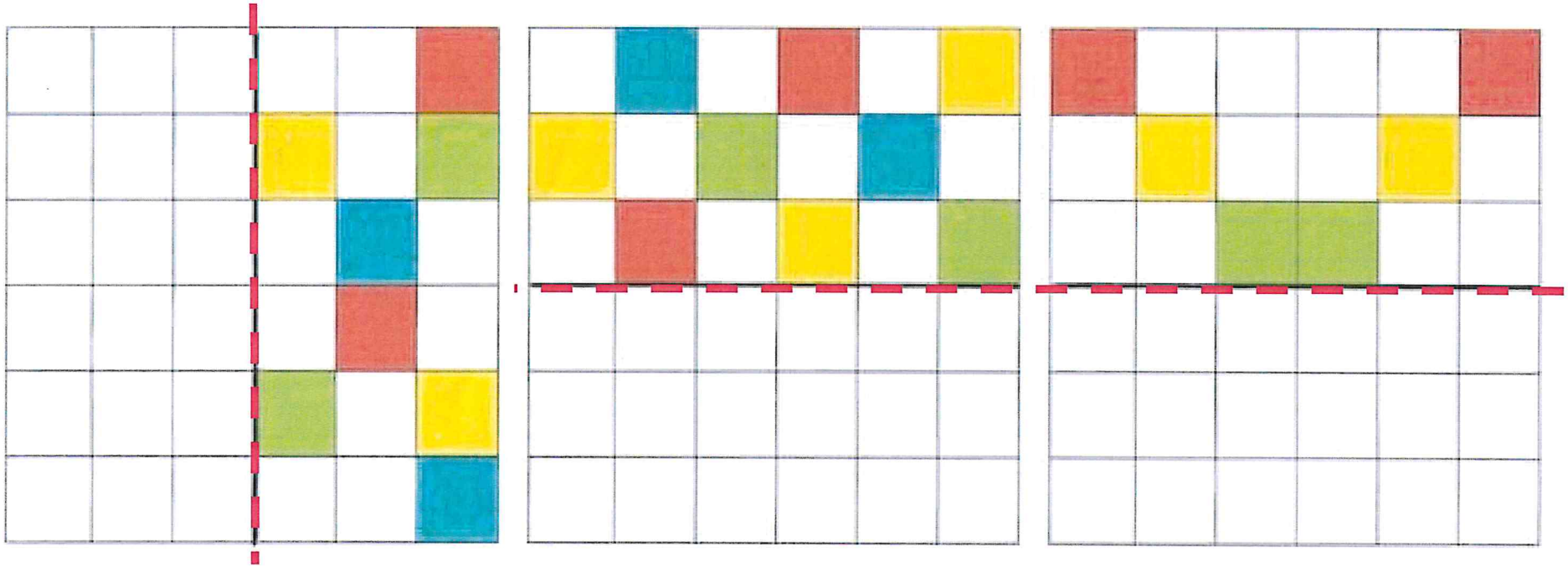
Moving on

Complete the shape and explain how you know:



Main task

Complete the symmetrical patterns by shading in the correct squares.



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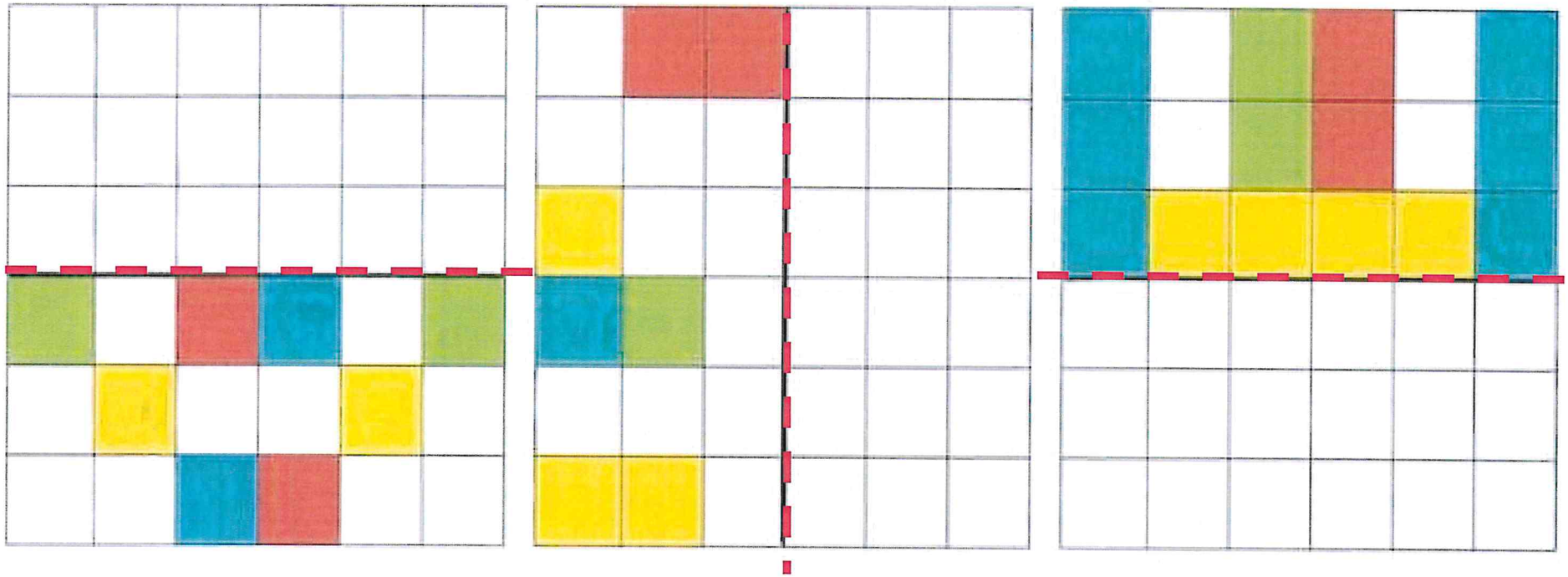


Wednesday
3/2/21

Maths

Independent Task
To complete a simple symmetrical figure

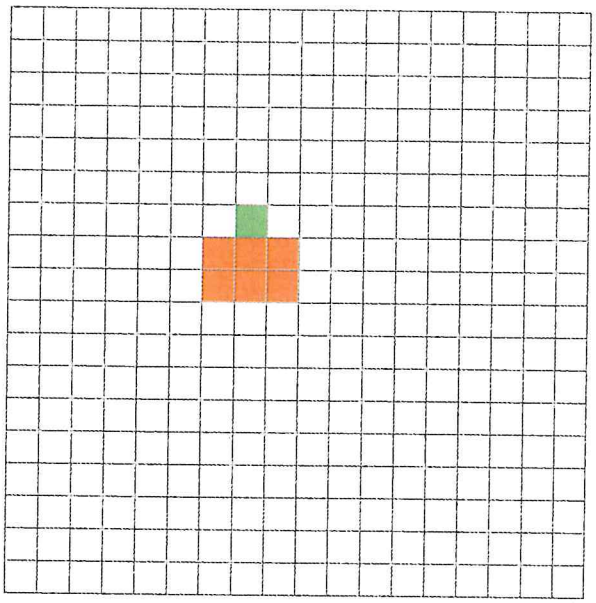
Mr Critchlow

Lesson 9

Completing Symmetrical Figures

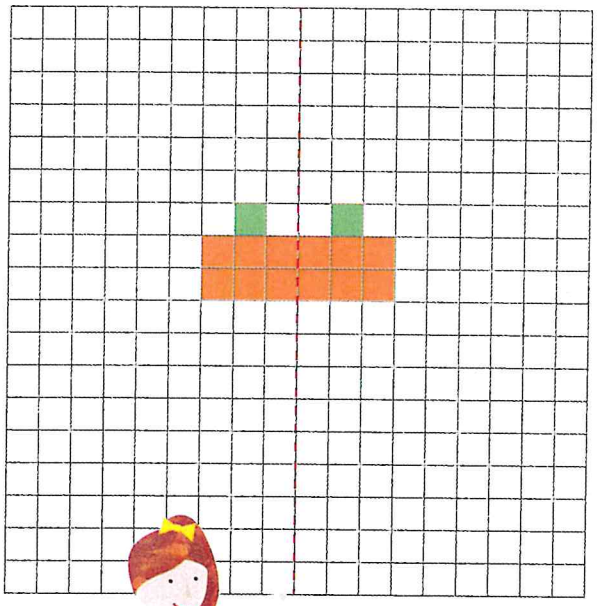
In Focus

Make the figure symmetrical by adding more ■ and ■.



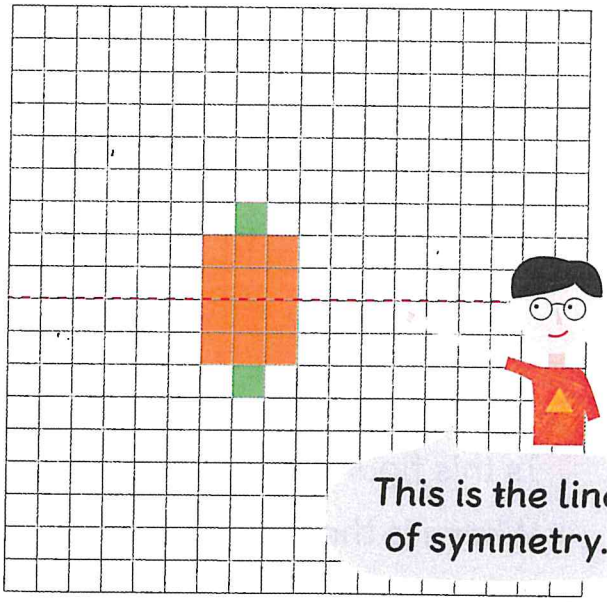
Let's Learn

1  did this.



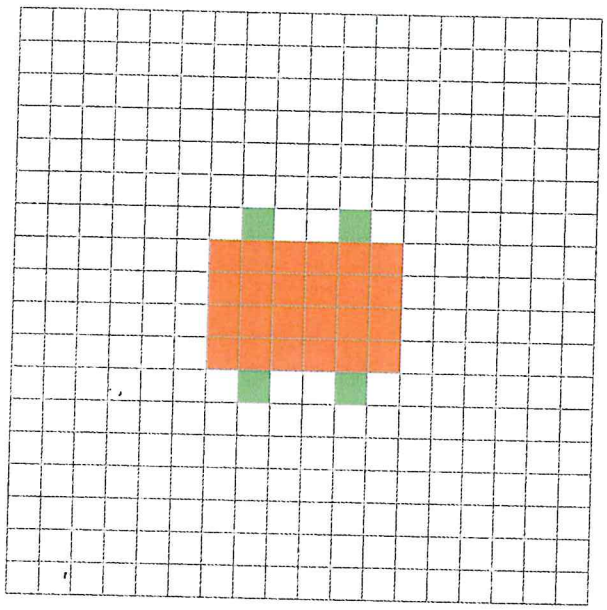
This is the line of symmetry.

2  did this.



This is the line of symmetry.

3  did this.

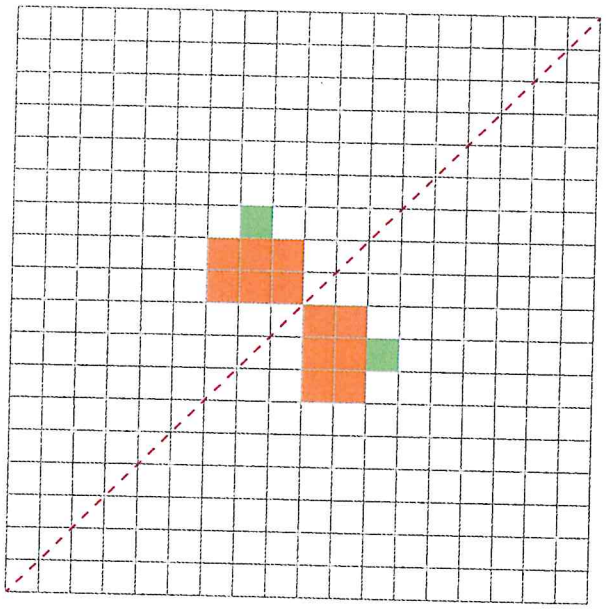


Is this figure symmetrical?

Where is the line of symmetry?

Is there more than one line of symmetry?

4  did this.

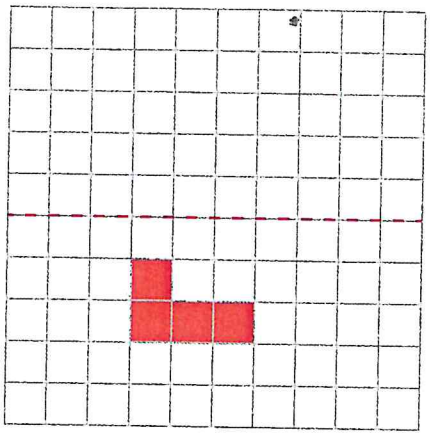


Is this figure symmetrical?

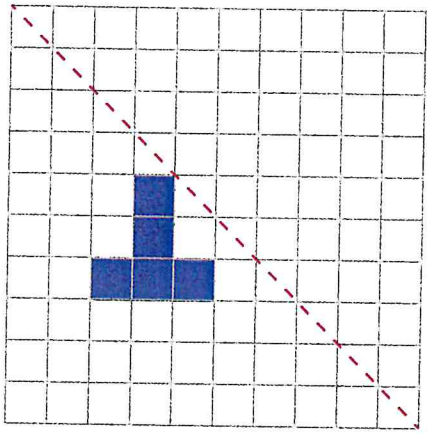
Where is the line of symmetry?

Guided Practice

1 Make each pattern symmetrical about the dotted line.

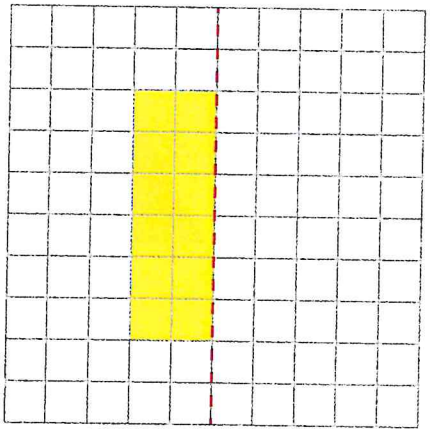


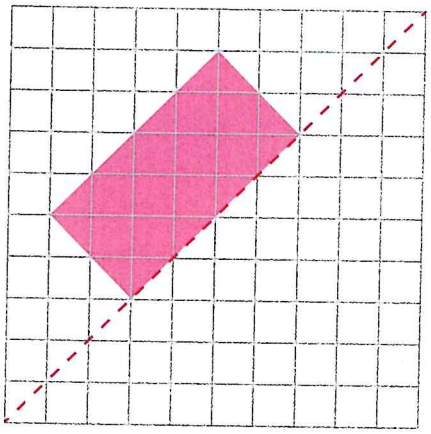
line of symmetry

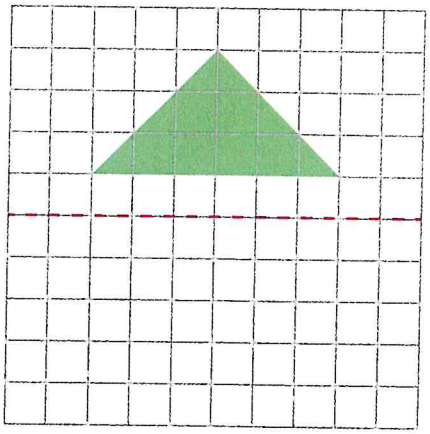


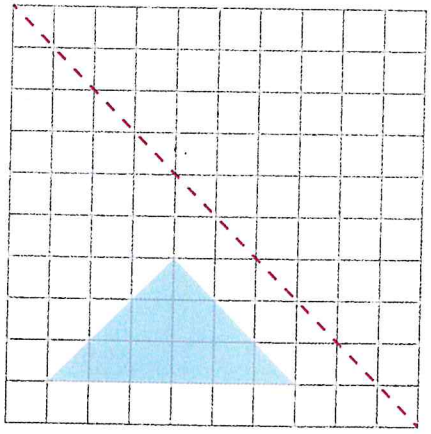
line of symmetry

2 Complete the figure so that it is symmetrical about the line - - - - - - .









Complete Worksheet **9** – Page **143 - 144**

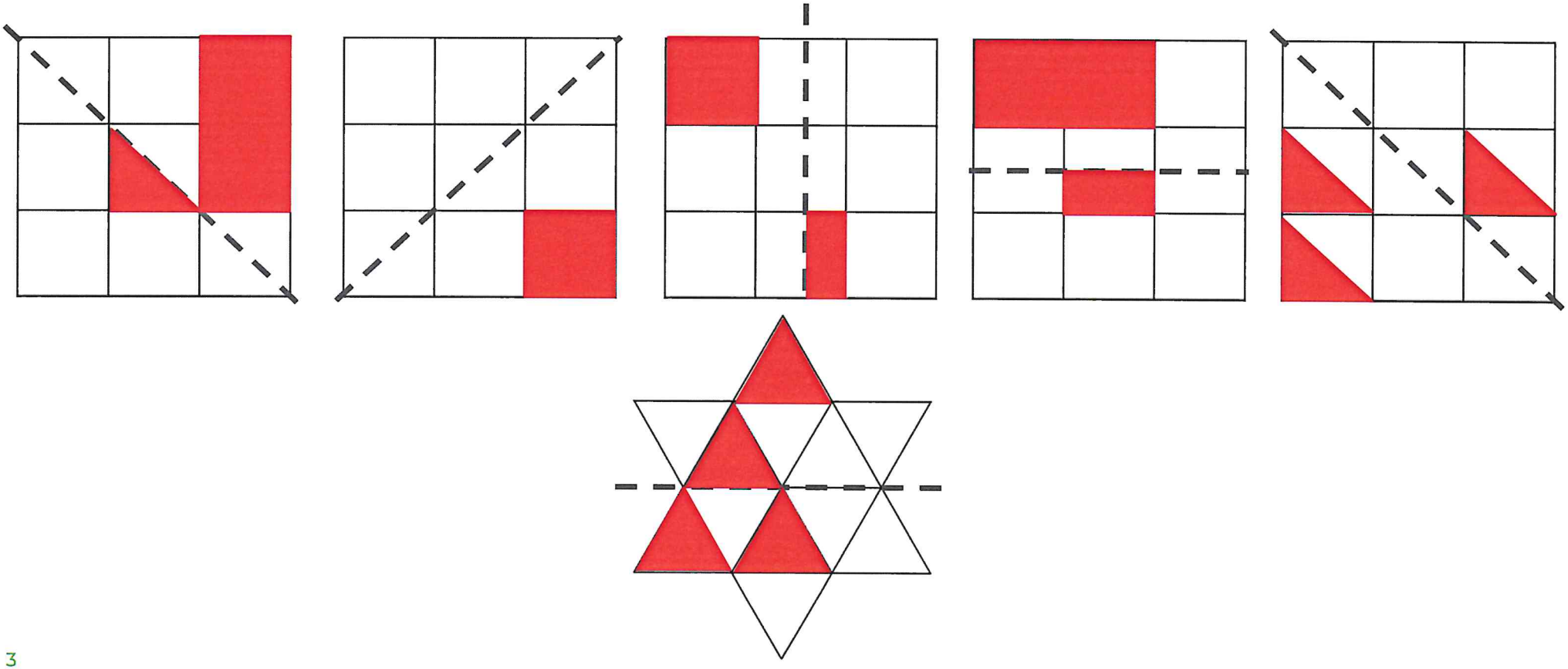
To Start

Times tables speed challenge

	8	4	3	2	5	6	9	10	7
4									
7									
8									
10									
11									
9									
6									
12									
5									

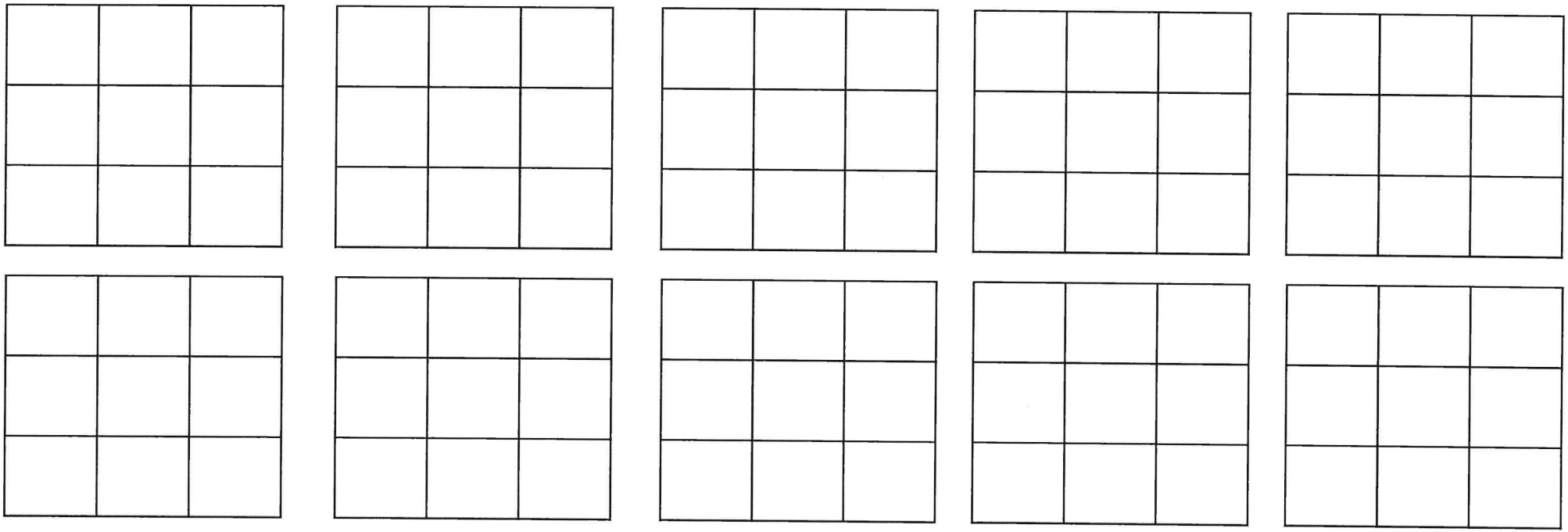
Moving on

Complete these symmetrical patterns



Main task

How many different symmetrical patterns can you create on these 3 x 3 grids?
Remember to show where the mirror line is.



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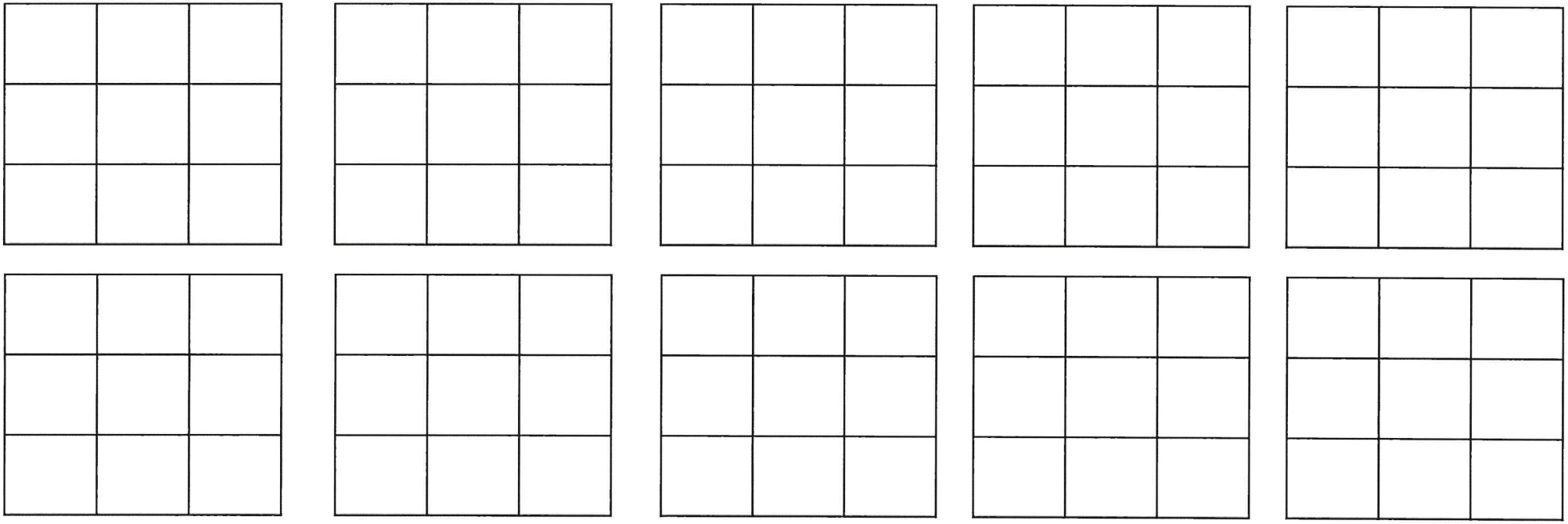
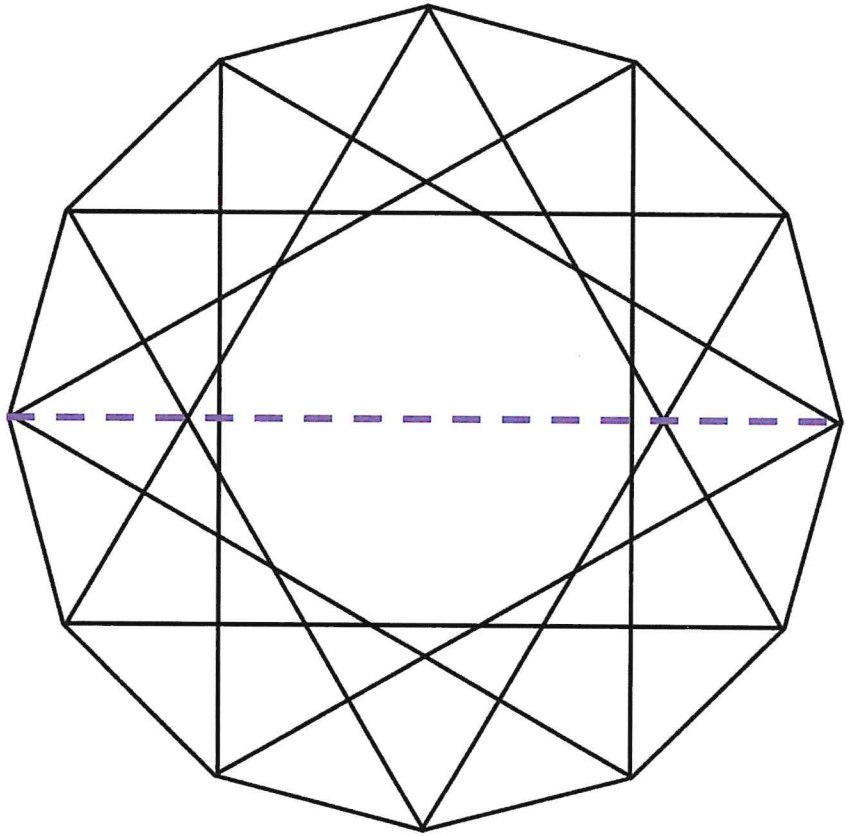
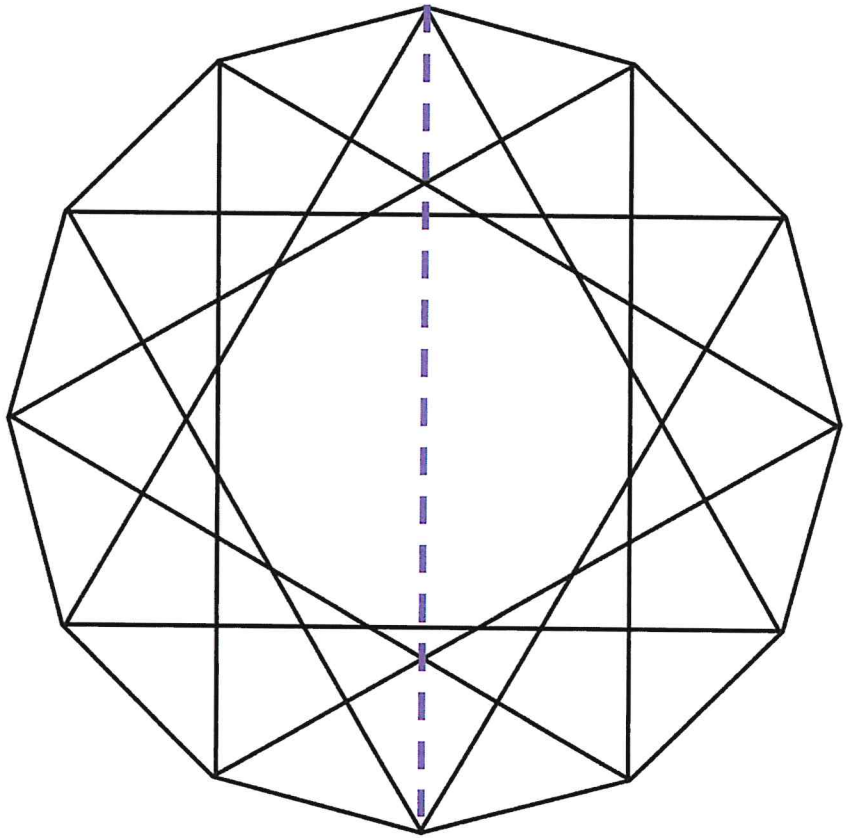


Challenge

Can you create 2 different symmetrical patterns on these shapes below? To really spice it up, try using colour.





Thursday
4/2/21

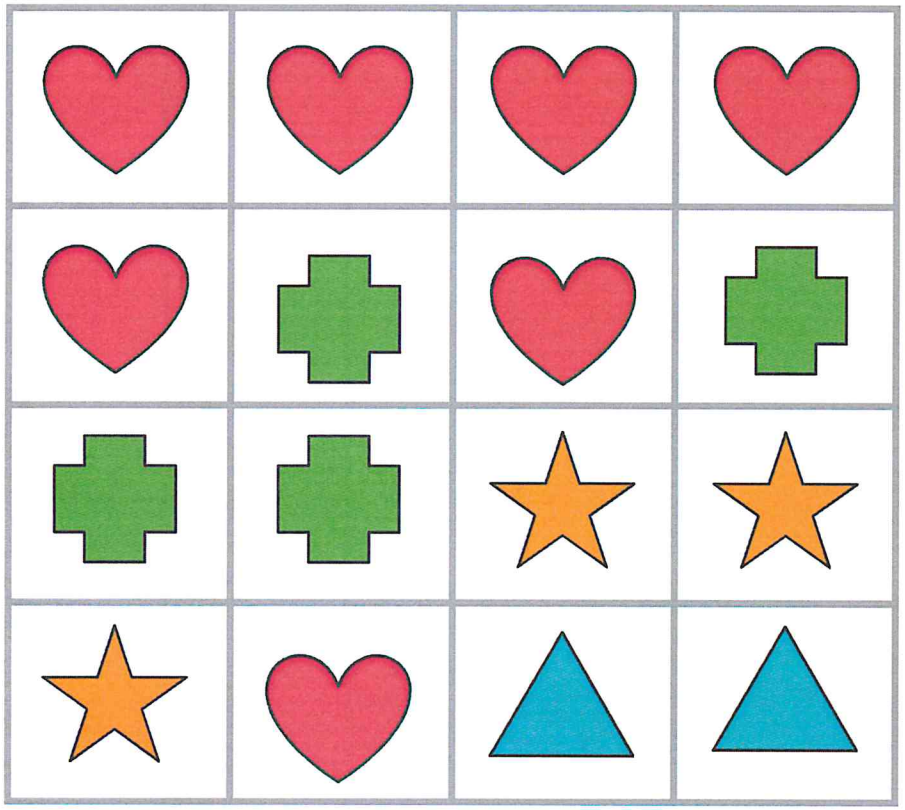
Maths

Independent Task
To investigate a problem using symmetry

Mr Critchlow

To Start

Can you work out what each symbol is worth in this maths square? Use the clues to help you



=24

=30

=26

=24

=

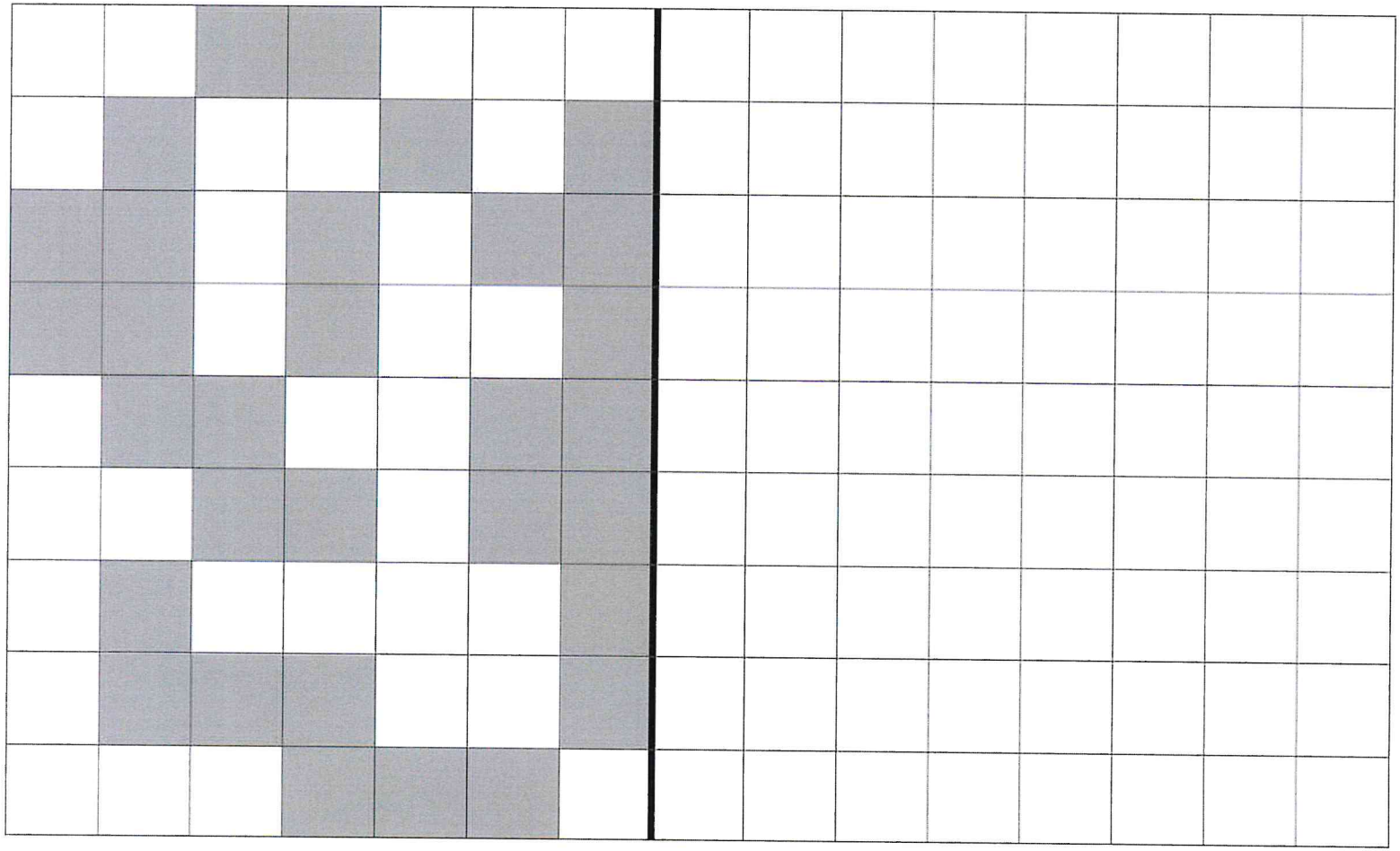
=

=

=

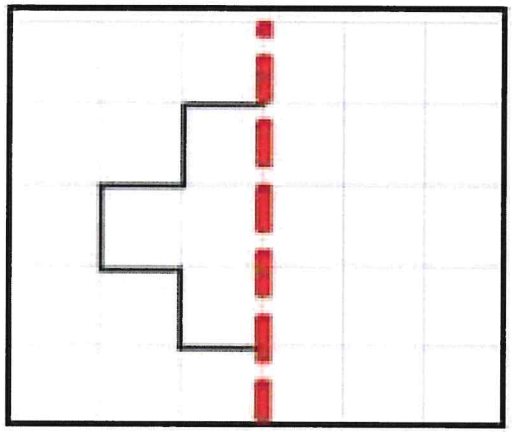
Moving On

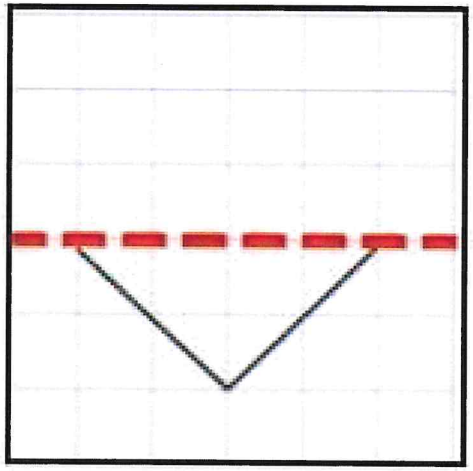
Complete the block picture using symmetry to fill in the correct squares

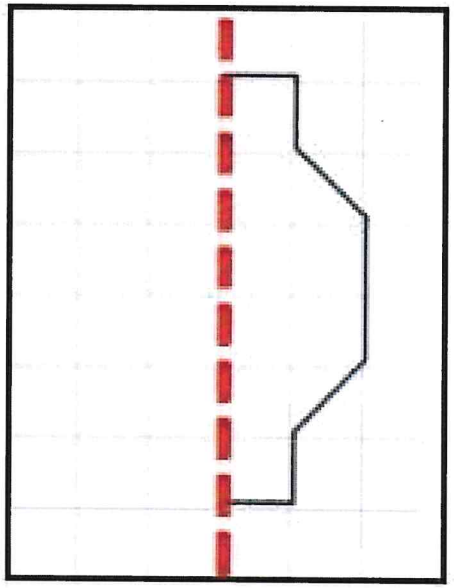


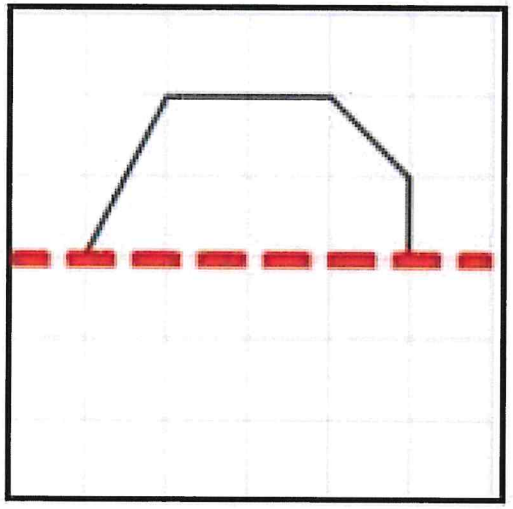
Main Task - 1

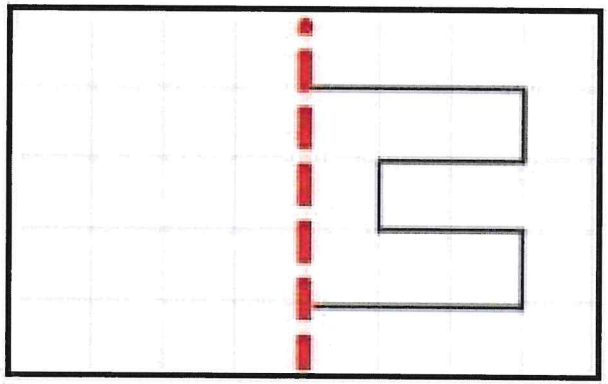
Can you complete each of the symmetrical pictures using the red line as the mirror line?





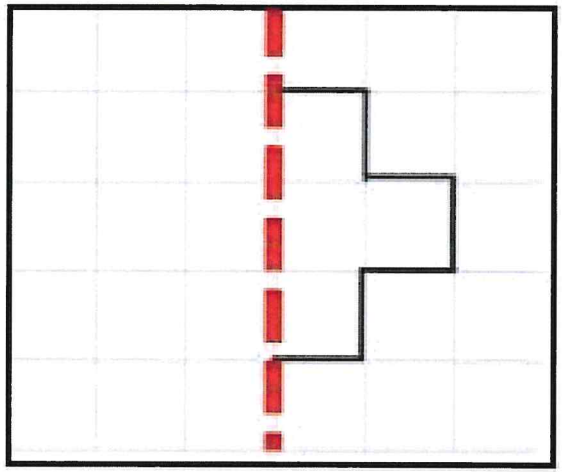


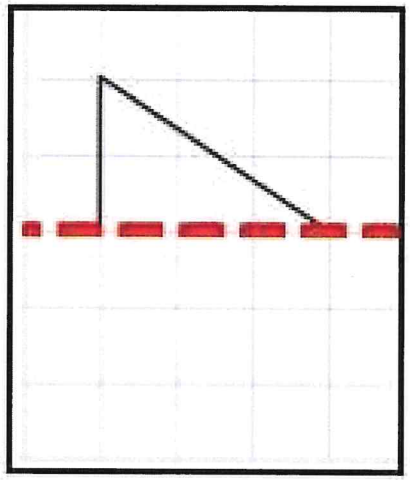


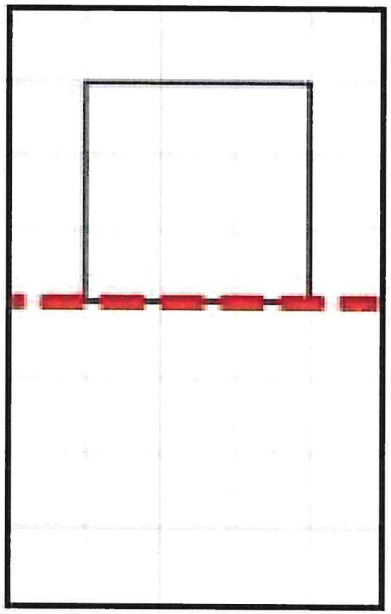


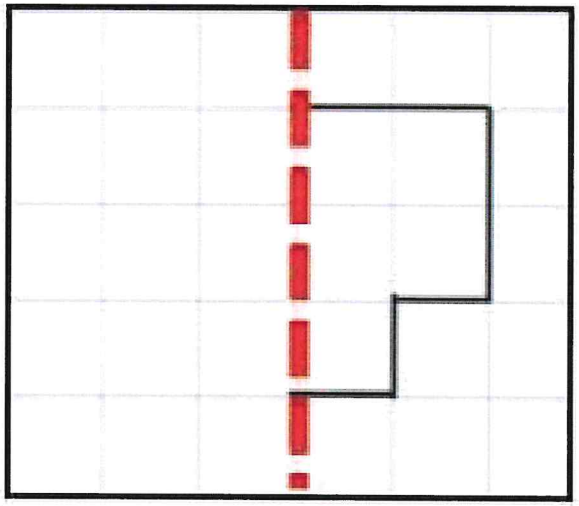
Main Task - 2

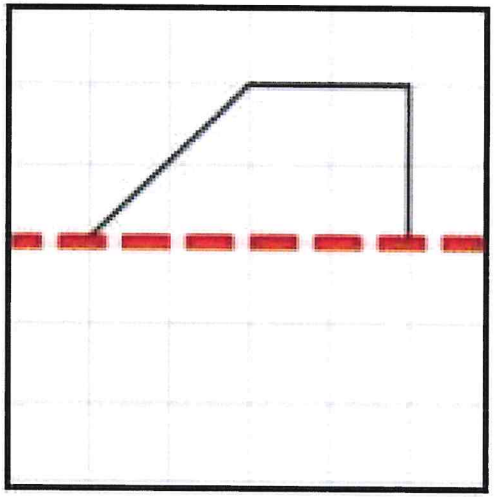
Can you complete each of the symmetrical pictures using the red line as the mirror line?











Maths

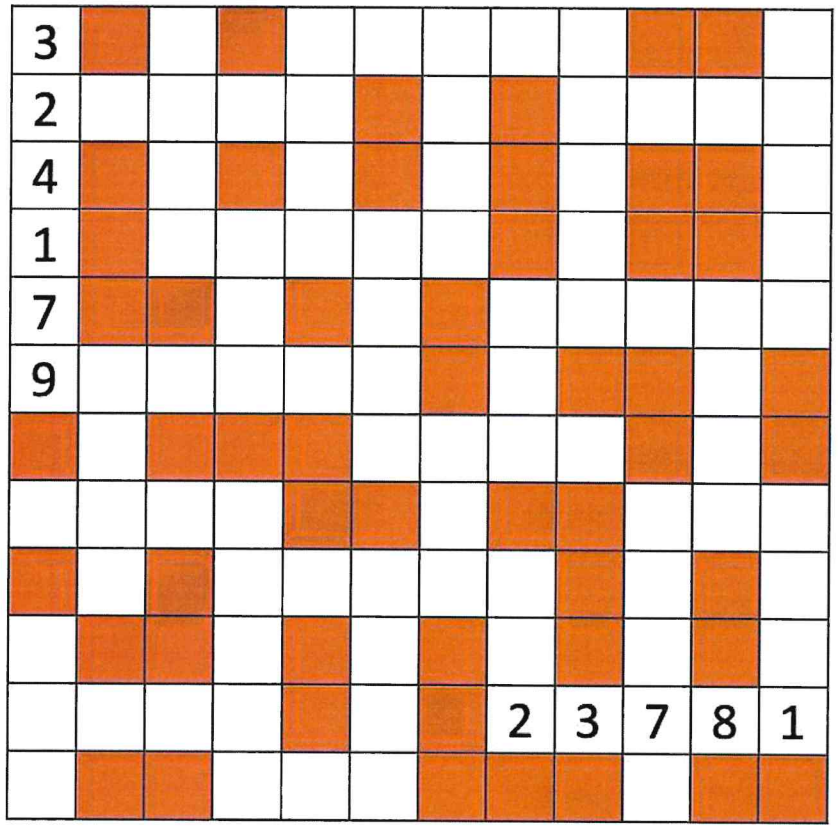
Friday
5/2/21

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.

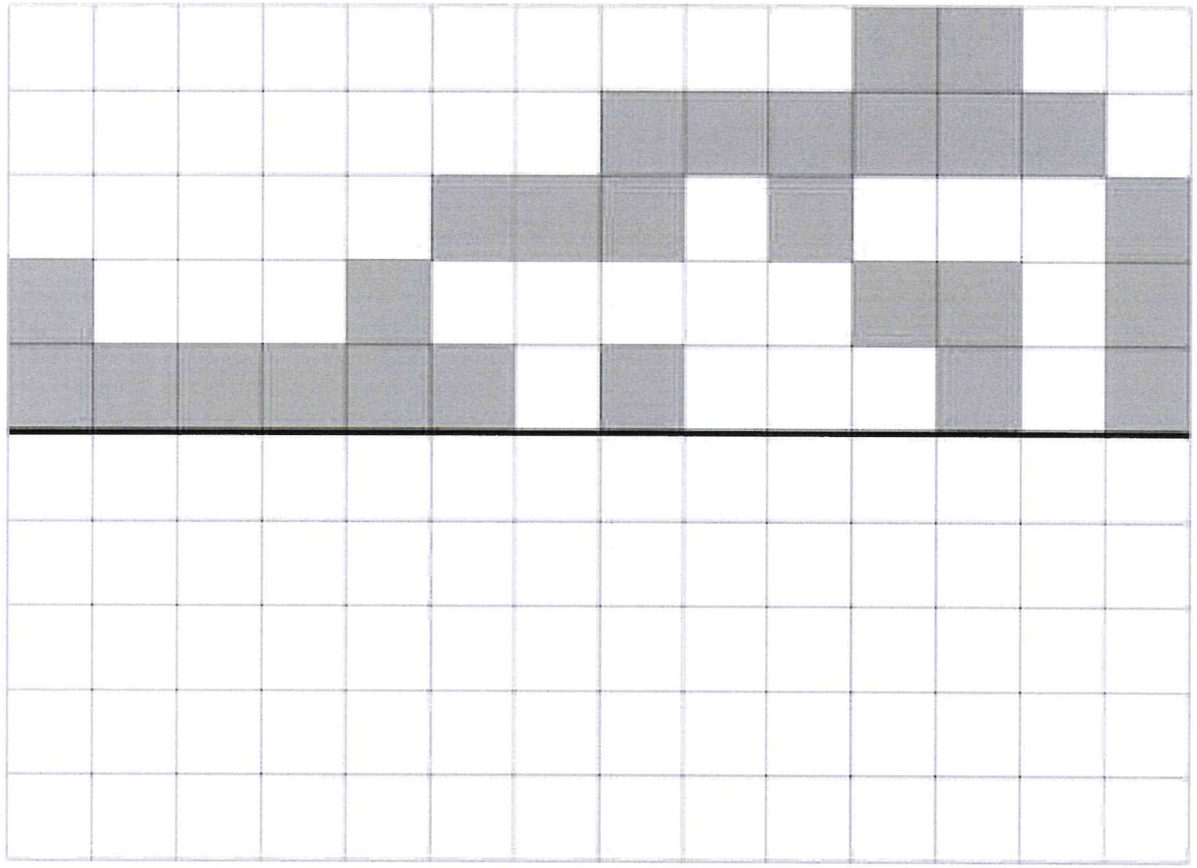


3 DIGITS	4 DIGITS	
143	2018	6271
265	2934	7065
368	3165	7931
451	3648	8023
527	4382	9426
584	4629	9487
702		

5 DIGITS		6 DIGITS
15972	52876	~~324179~~
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

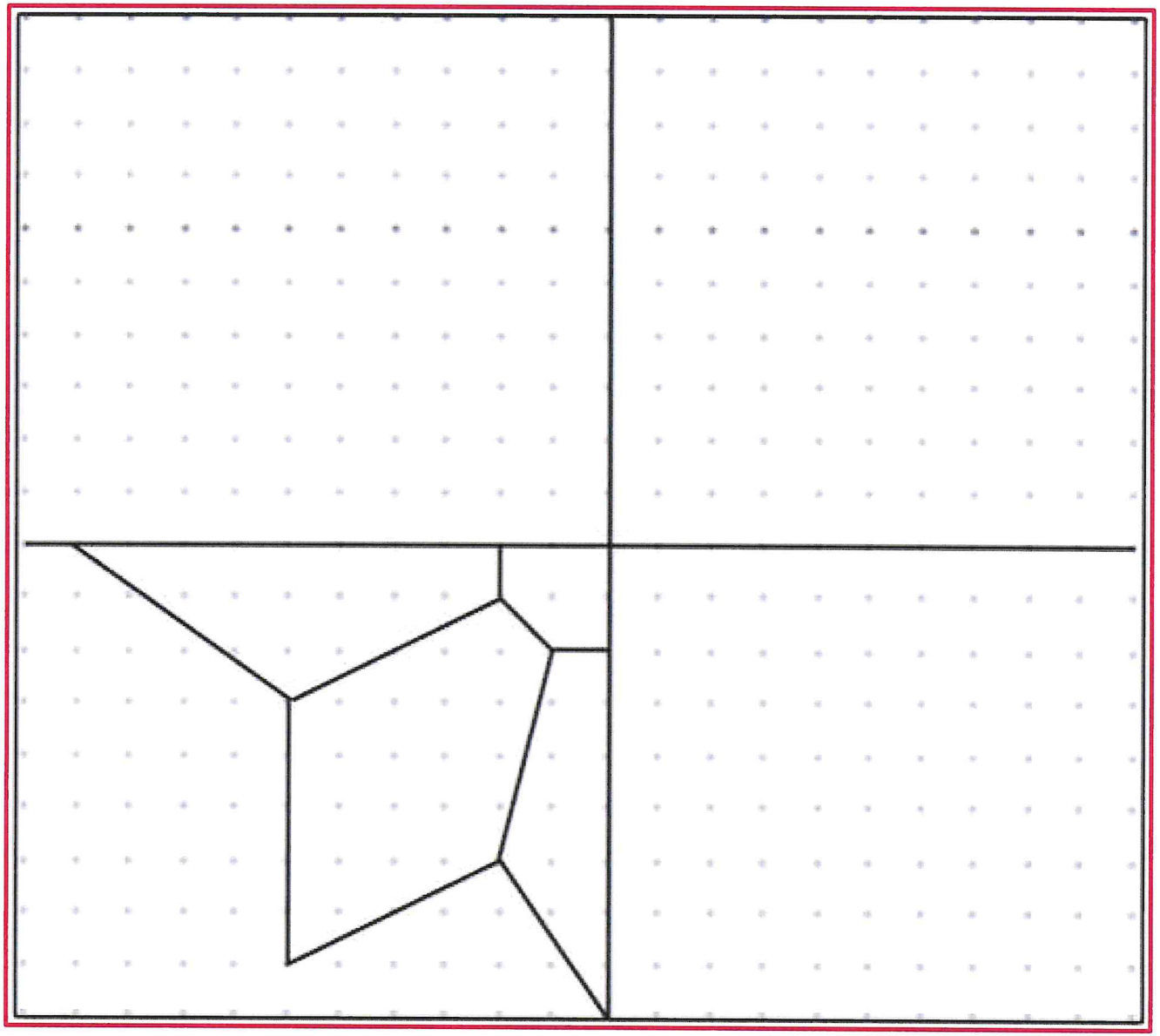
I think that every regular shape has the same number of lines of symmetry as it does sides.

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!