YEAR 2

Properties of shape

- Recognise 2D and 3D shapes
- Count sides of 2D shapes
- Count vertices of 2D shapes
- Draw 2D shapes

PrimaryStars EDUCATION

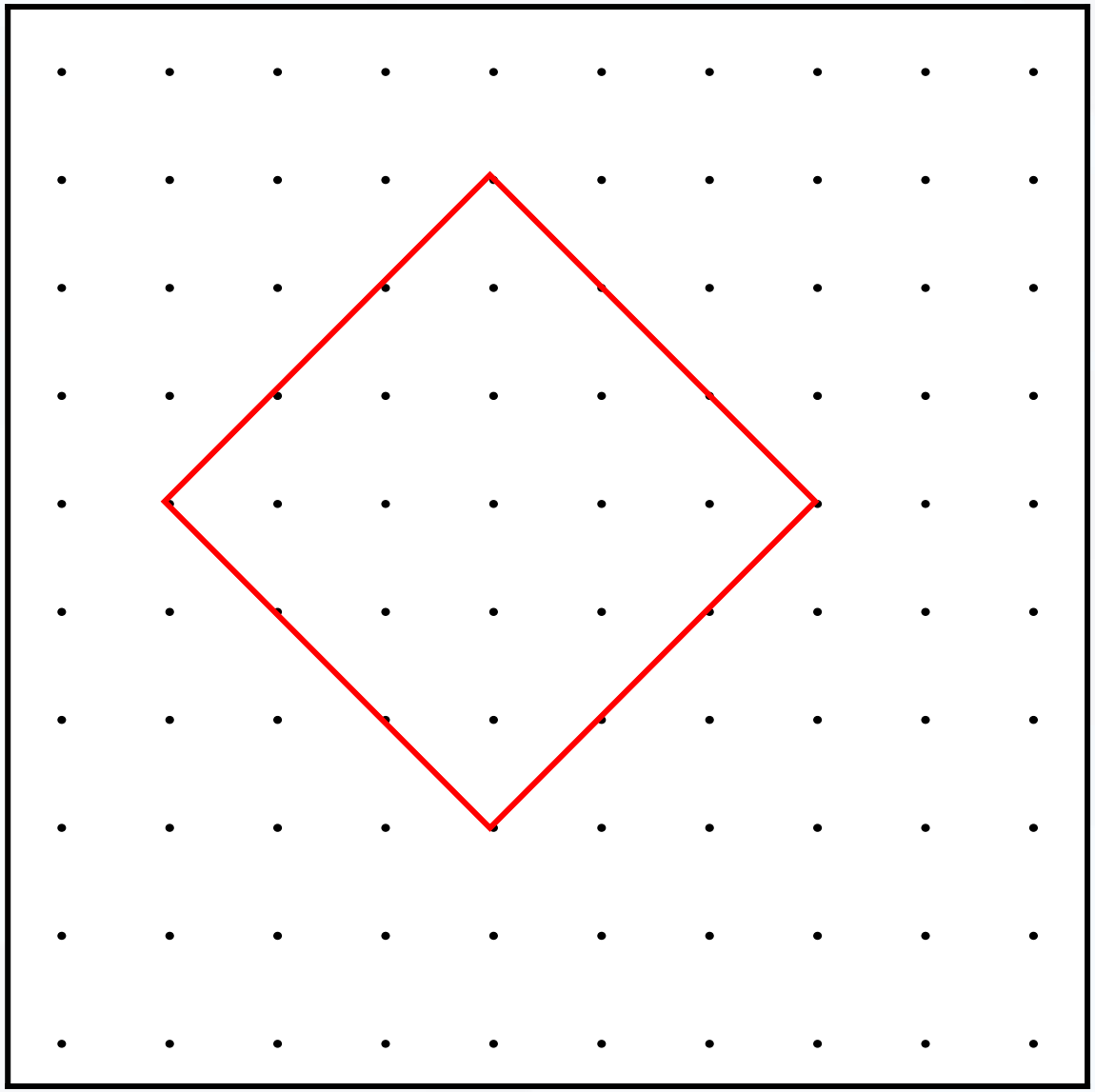
Block 3 – Week 7

Monday
Short
Lesson 1

Step: Recognise 2D and 3D shapes

Fluency

On your geoboard create this shape.

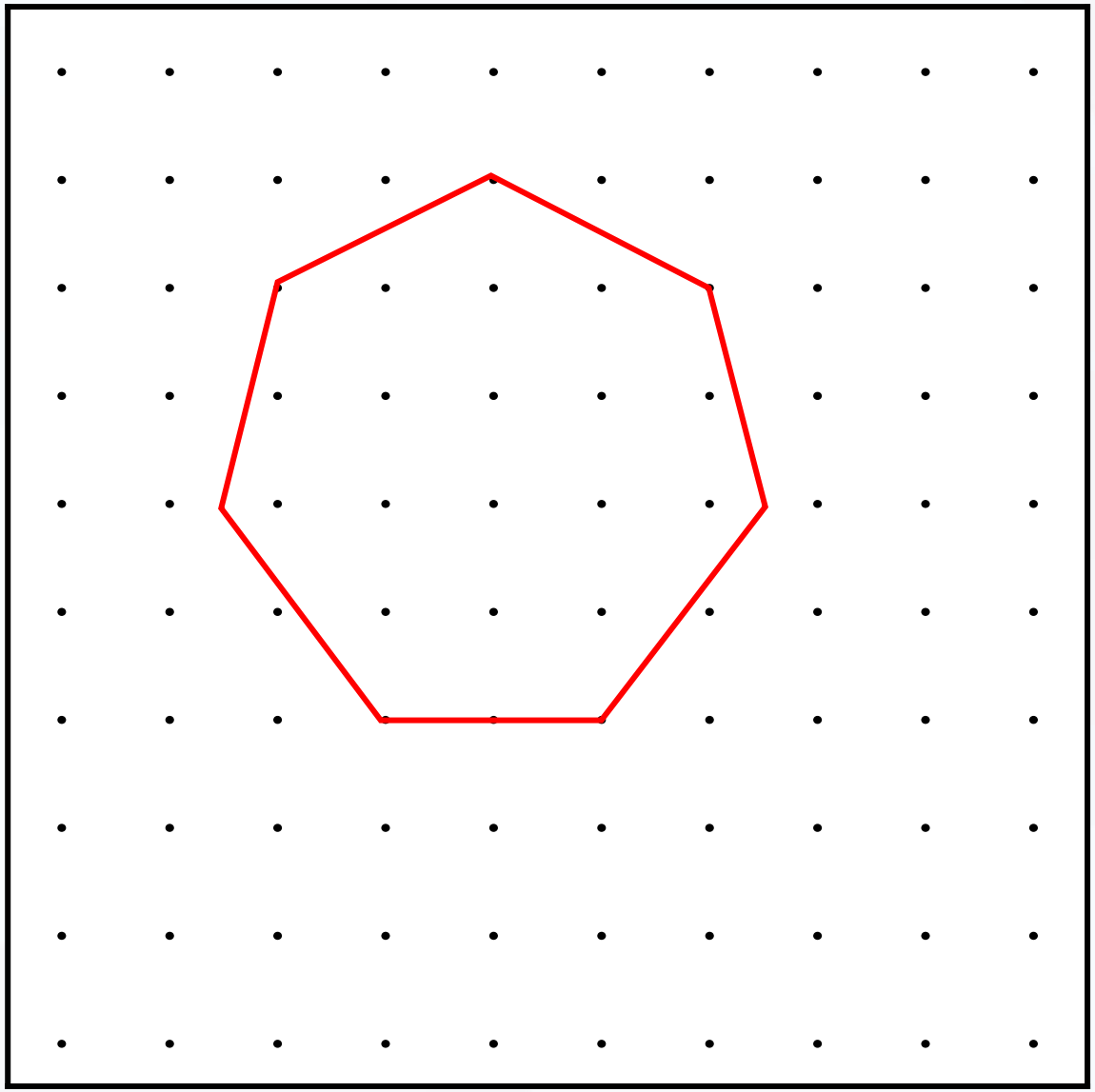


What shape is it?

Rhombus

Fluency

On your geoboard create this shape.

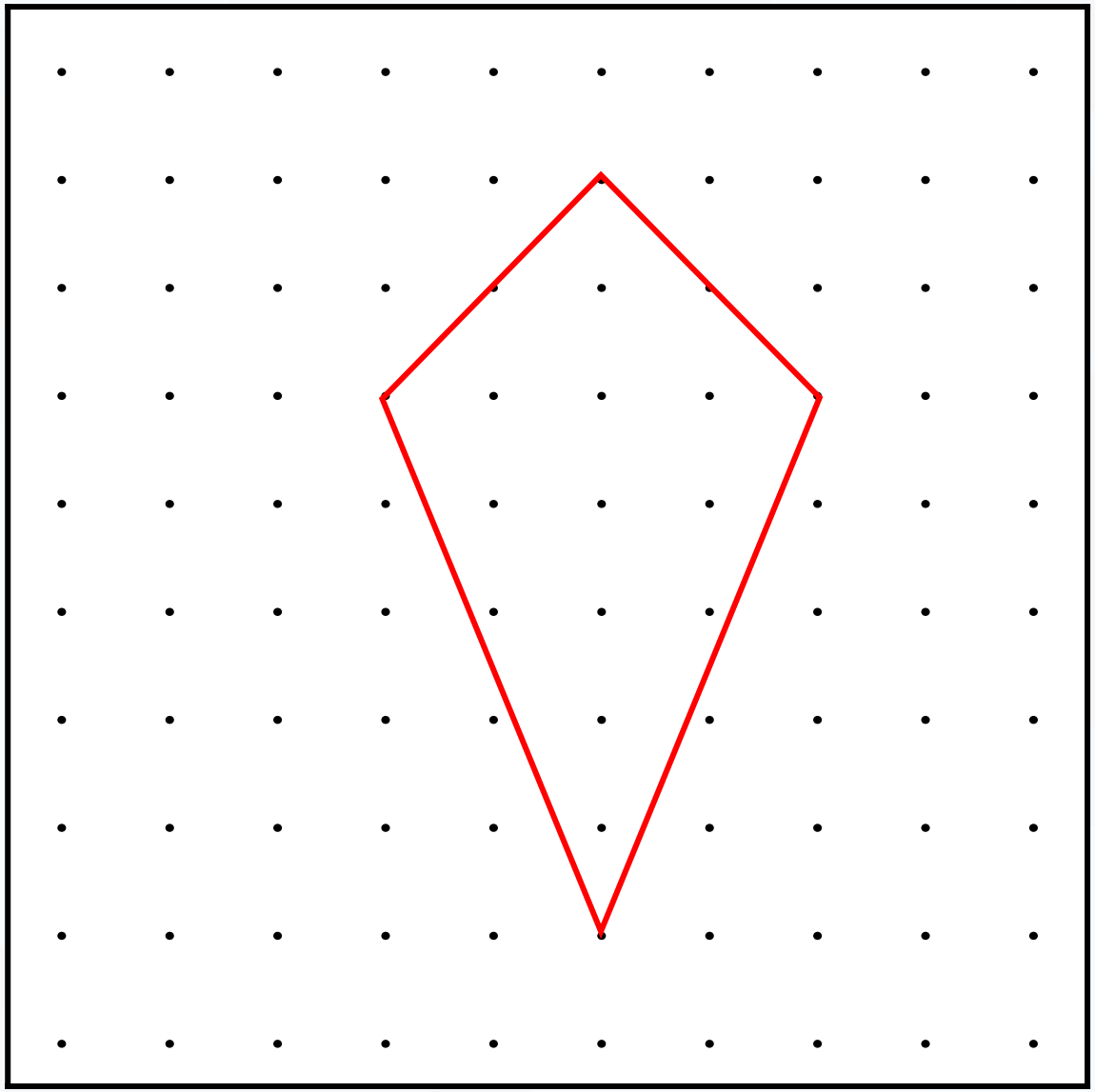


What shape is it?

Heptagon

Fluency

On your geoboard create this shape.

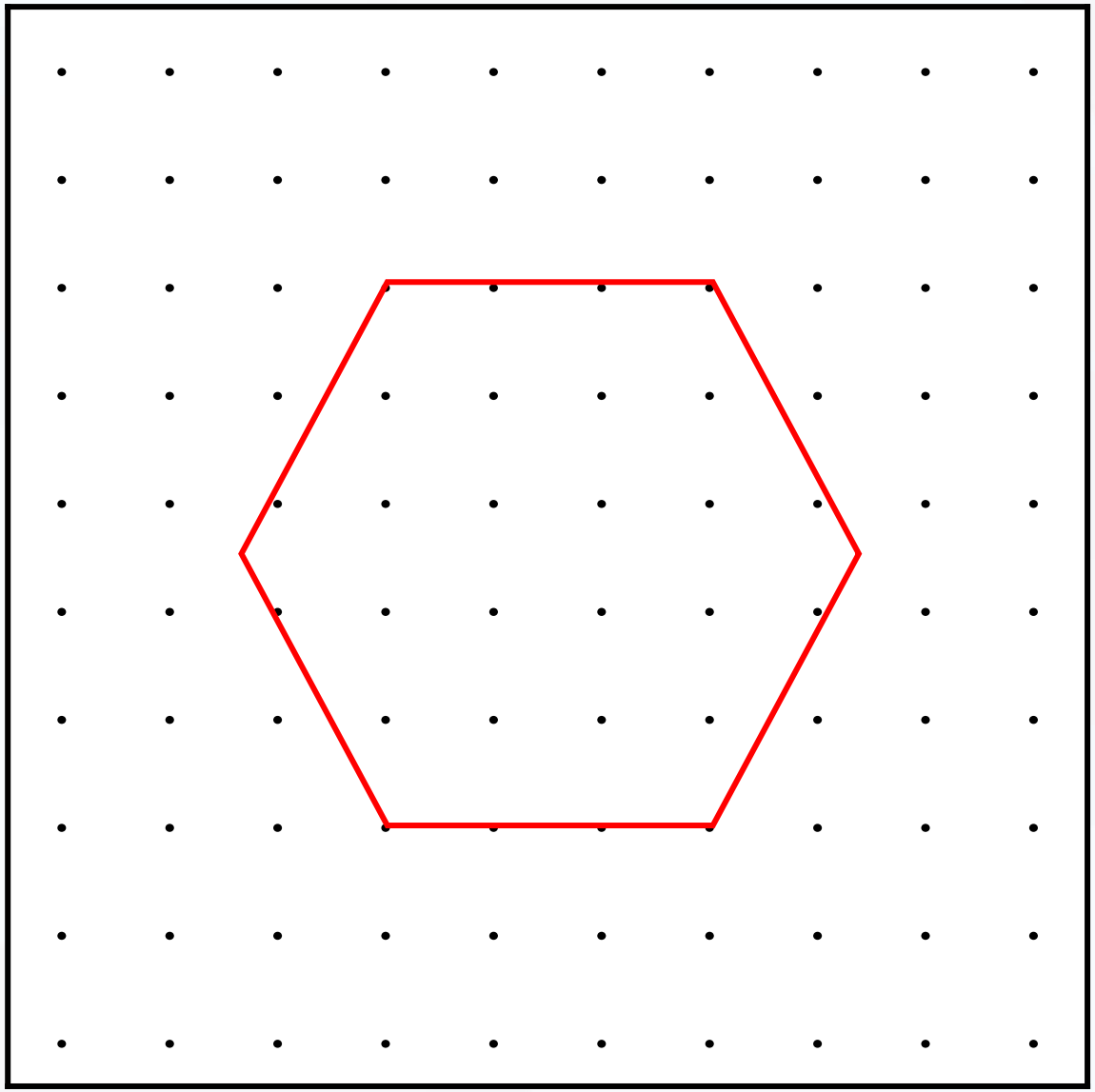


What shape is it?

Kite

Fluency

On your geoboard create this shape.

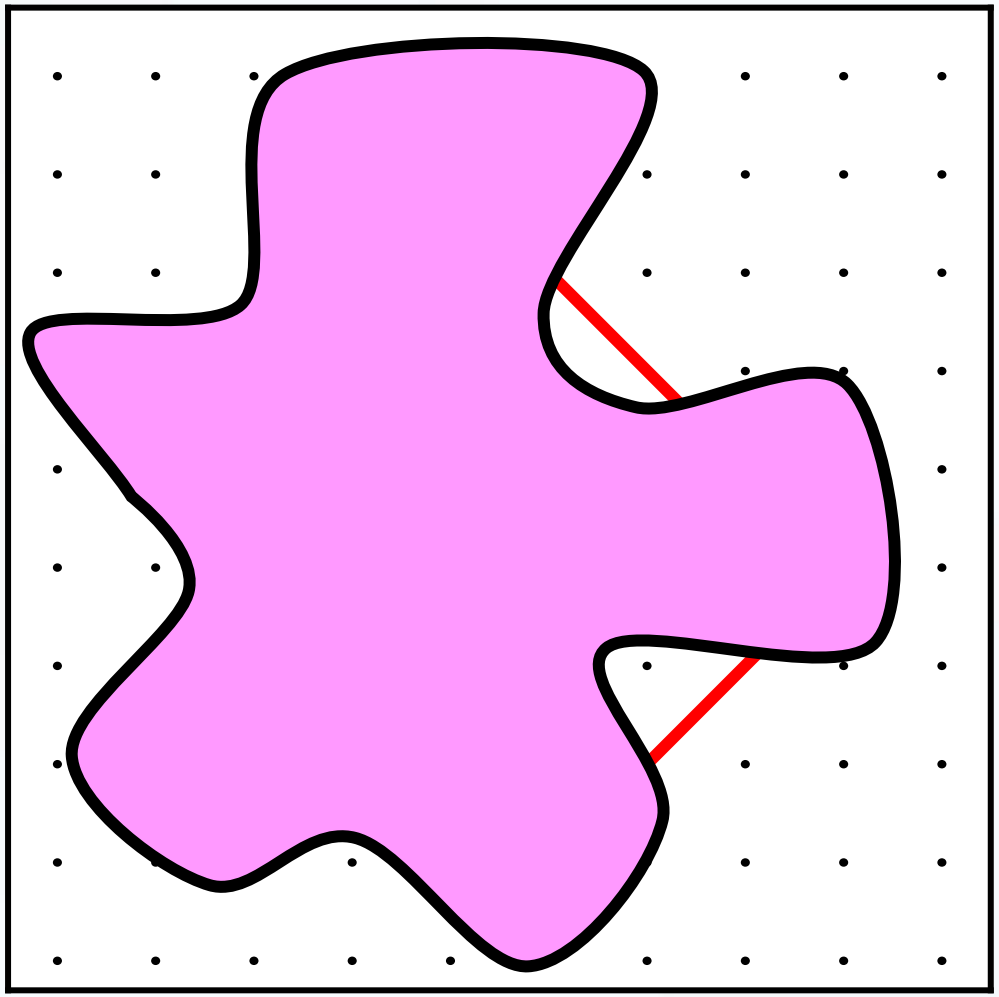


What shape is it?

Hexagon

Sue says,

I think the shape behind the smudge is a triangle.



Is Sue correct?
Explain your answer.

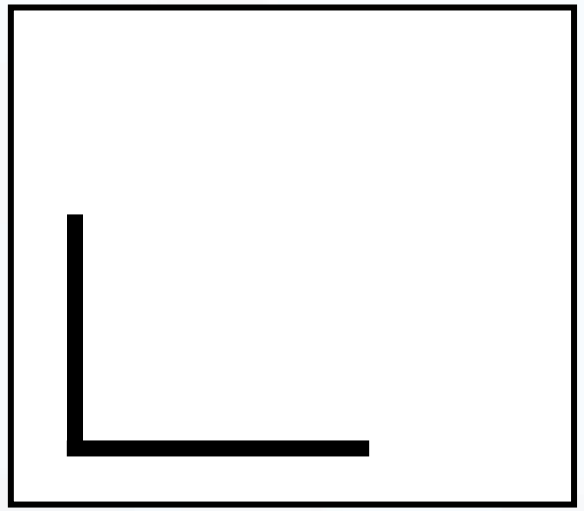
Yes

What other shape could it be?

Rhombus

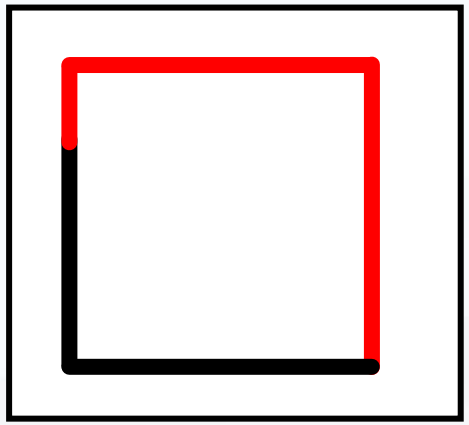
Che asks,

What shape could this be?

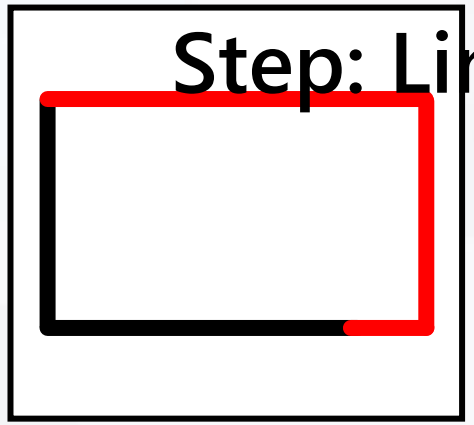


List the possibilities.

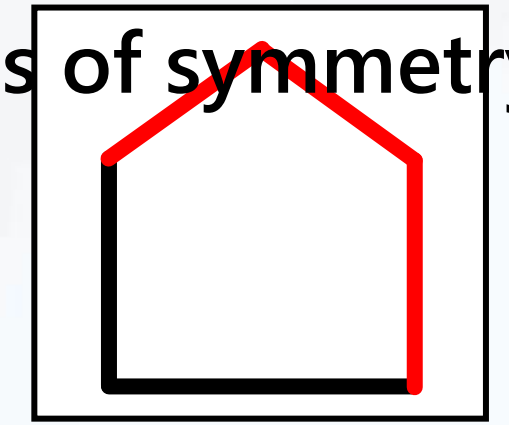
Step: Lines of symmetry



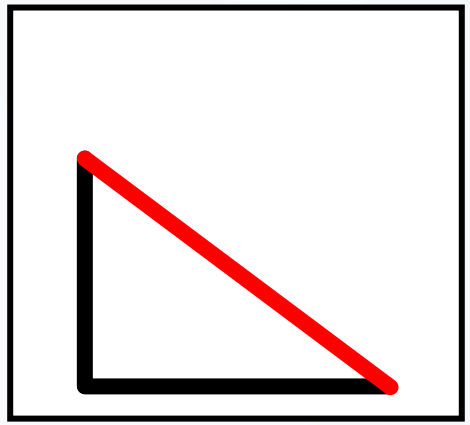
Square



Rectangle



Pentagon

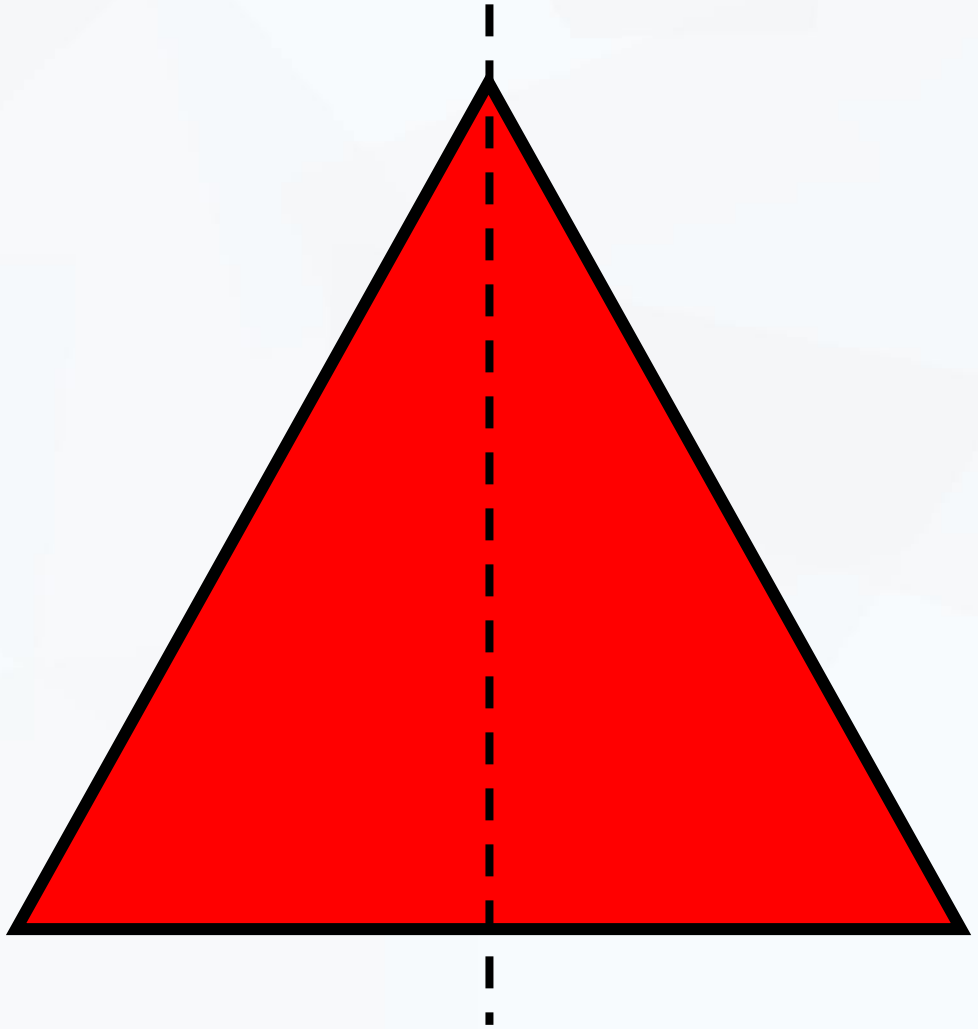


Triangle

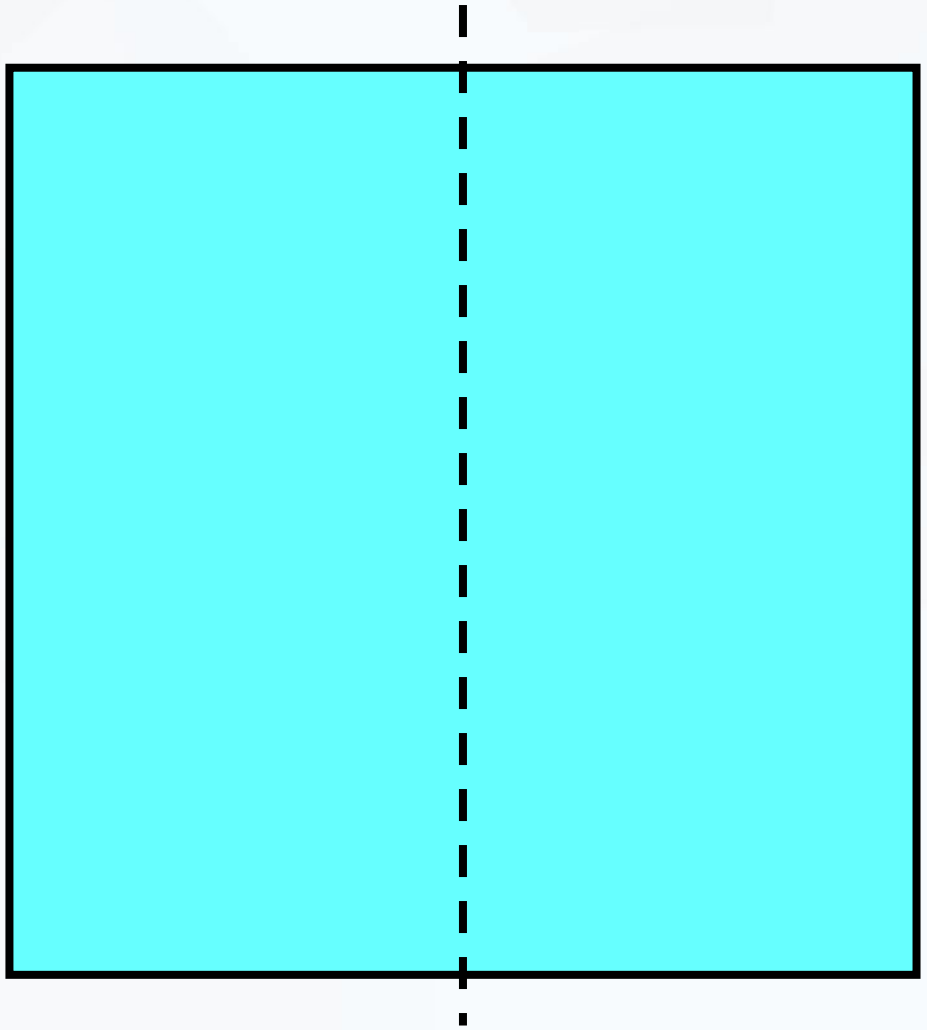
Wednesday Short Lesson 1

Step: Lines of symmetry

Create and cut out the shape.
Fold the shape to show a vertical line of symmetry.

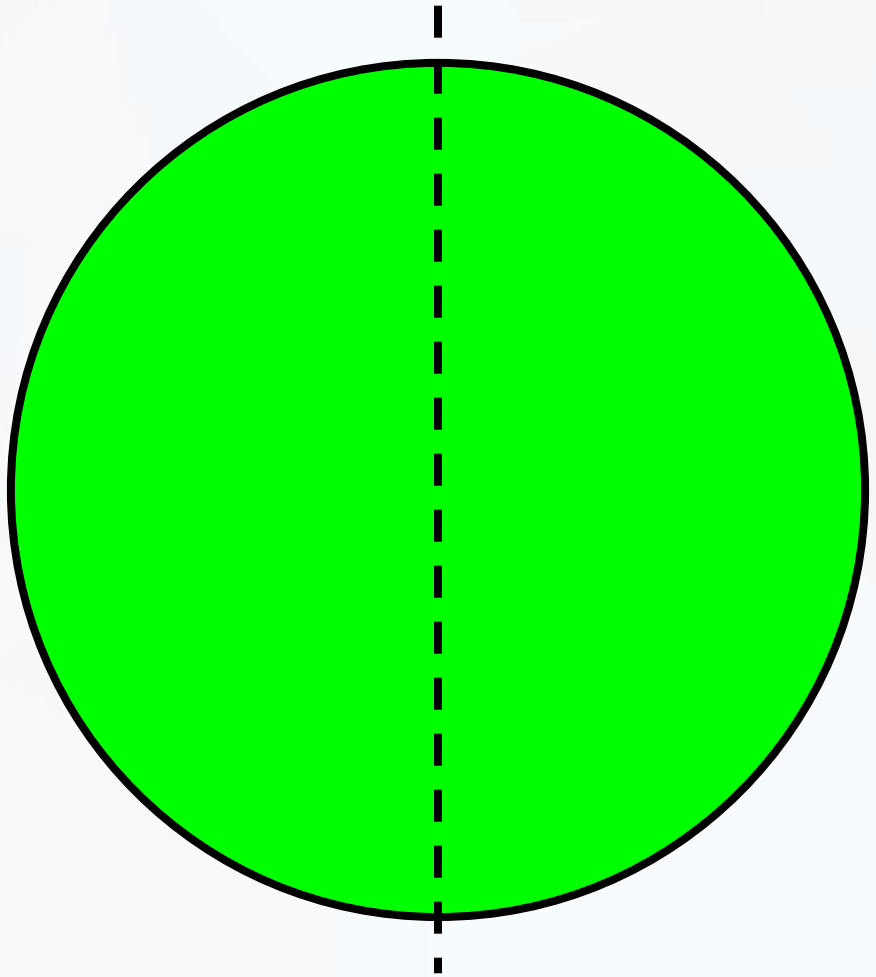


Create and cut out the shape.
Fold the shape to show a vertical line of symmetry.



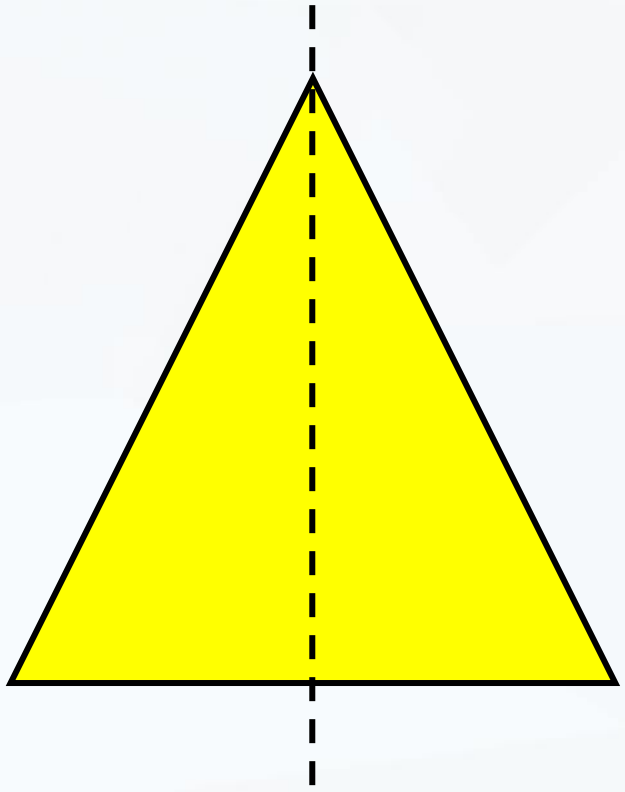
Fluency

Create and cut out the shape.
Fold the shape to show a vertical line of symmetry.

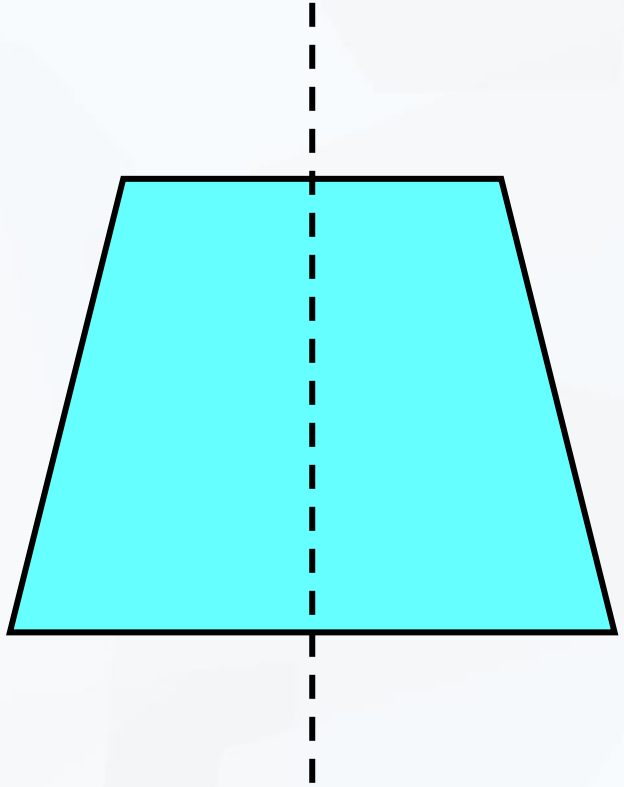


Fluency

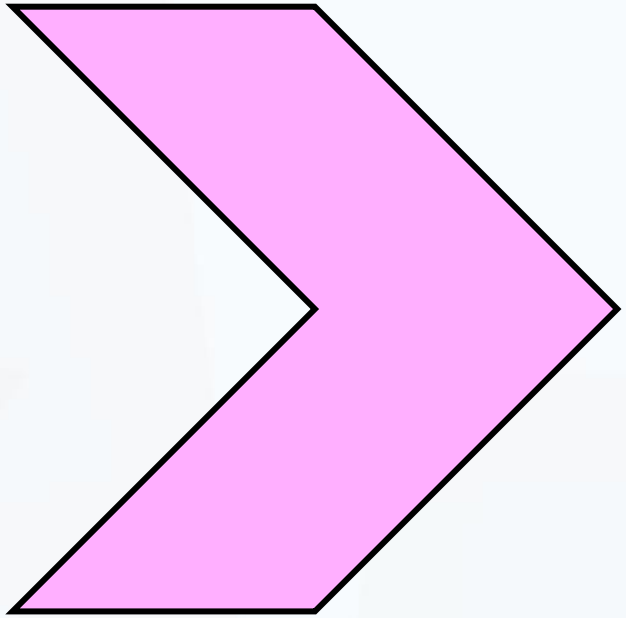
Which shapes have a vertical line of symmetry?



✓



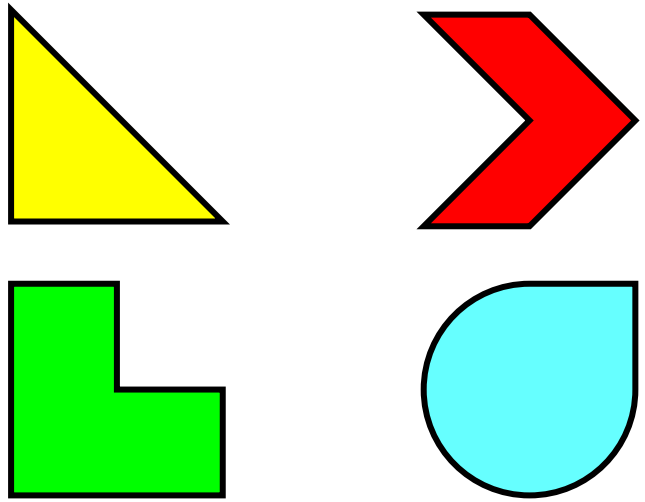
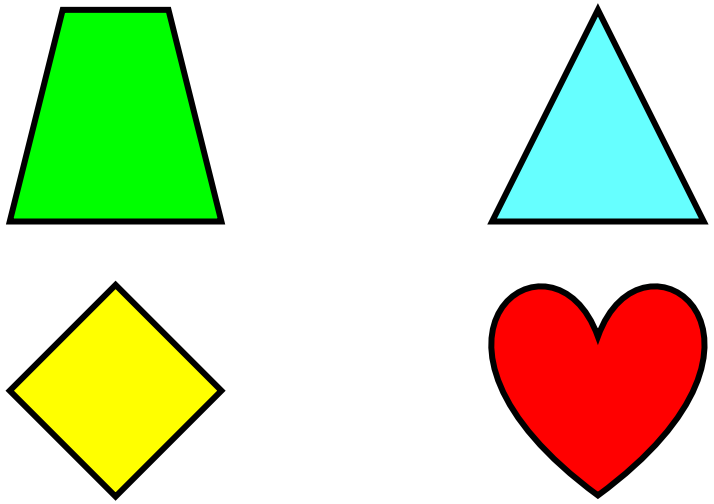
✓

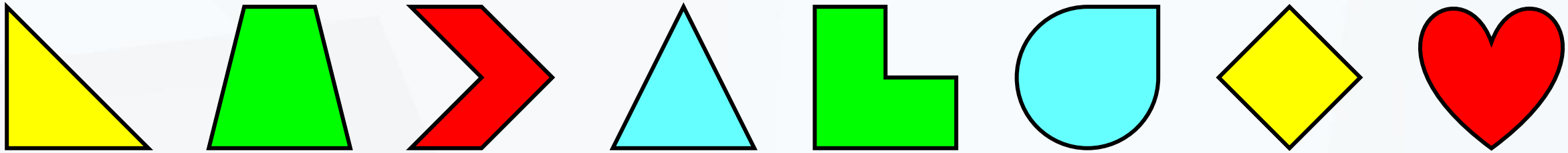


X

Fluency

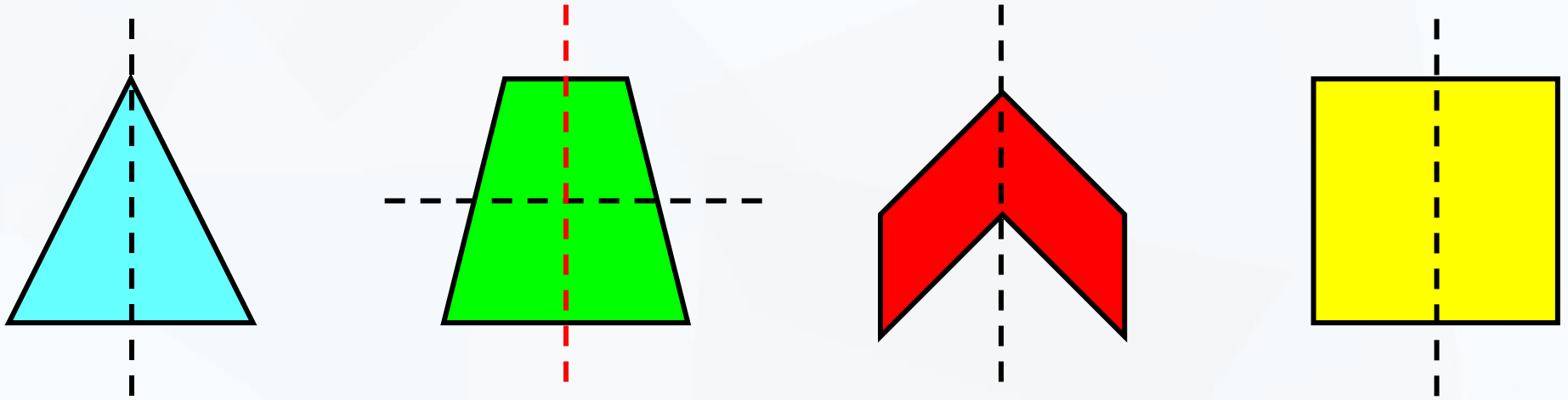
Sort the shapes in the table below.

No vertical line of symmetry	Vertical line of symmetry
	



Reasoning

Matt has drawn a vertical line of symmetry on each of the shapes below.

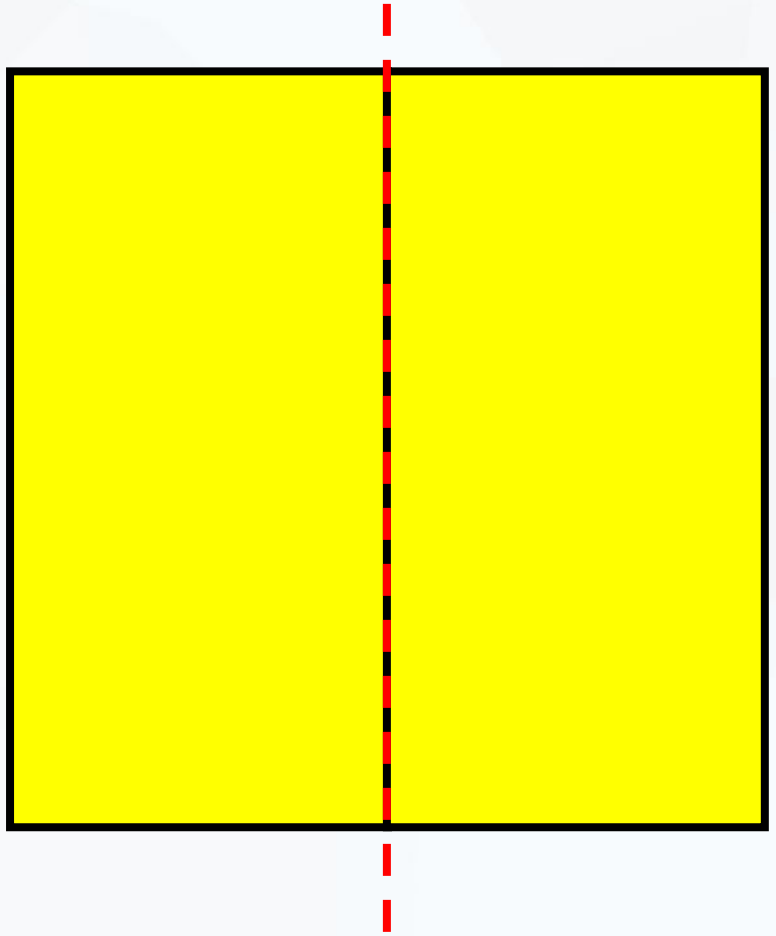


Spot Matt's mistake and explain how it can be corrected.

Matt has drawn a horizonal line which does not show symmetry.
The line needs to be turned to a vertical position.

Problem solving

Which shape when split using its vertical line of symmetry will create rectangles?



Square

Friday
Short
Lesson 2

Step: Sort 2D shapes

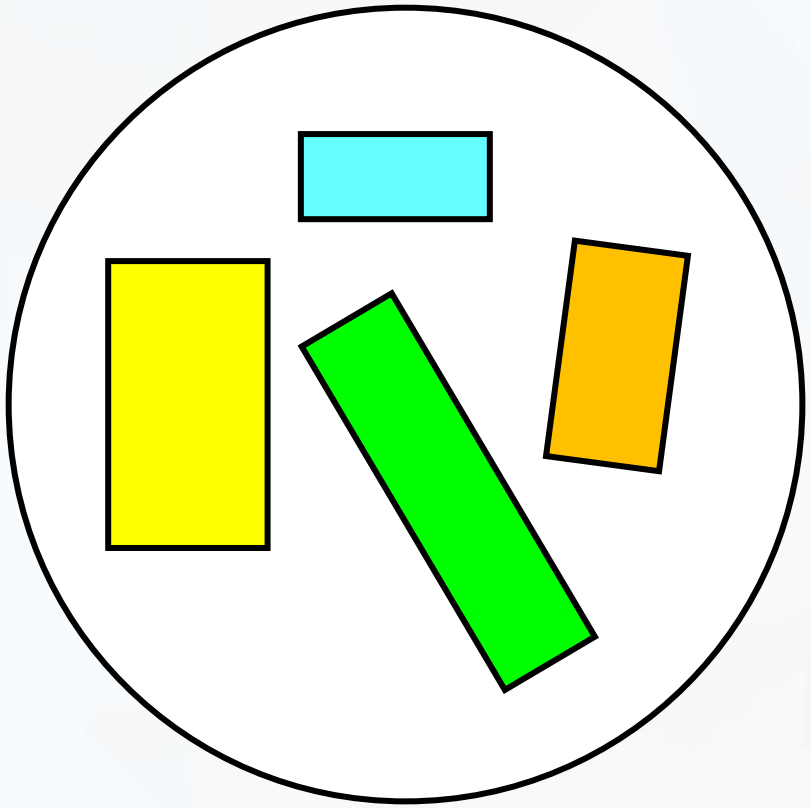
(Practical)

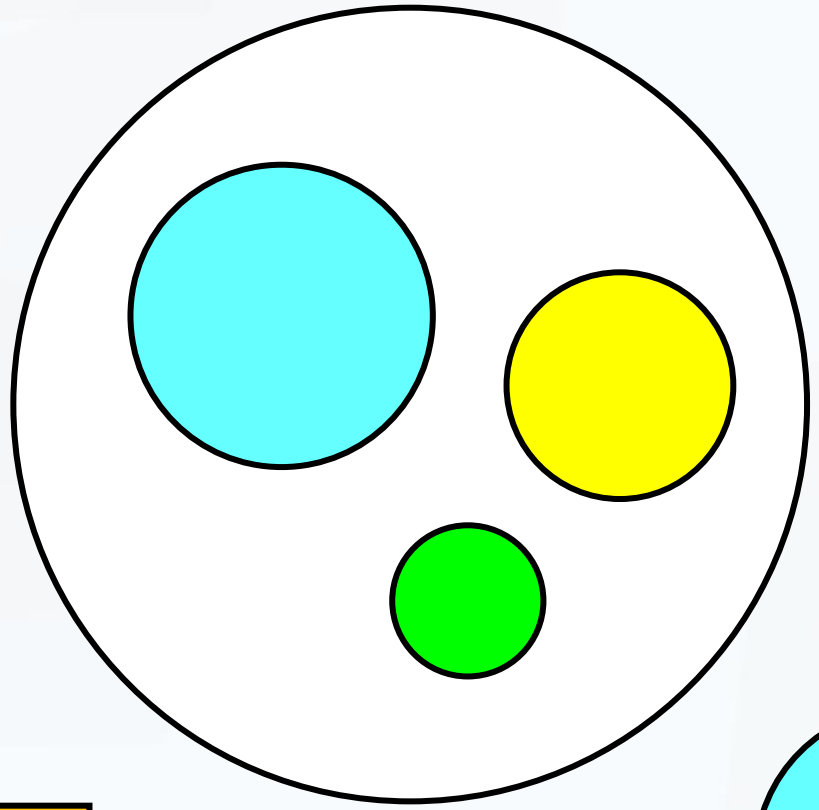
Fluency

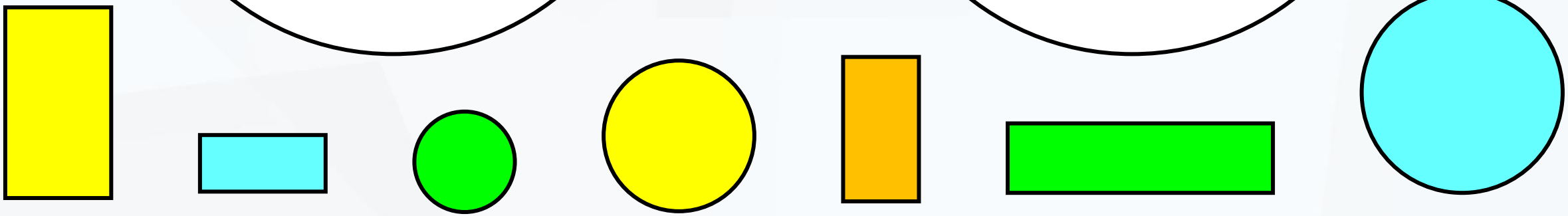
Sort the shapes into two groups.

Rectangles

Circles



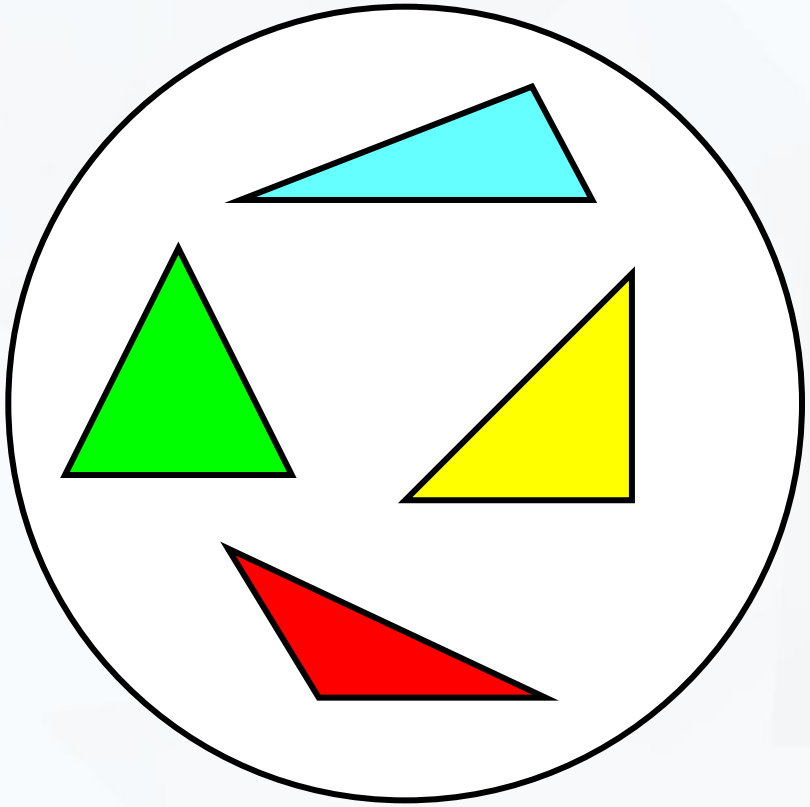




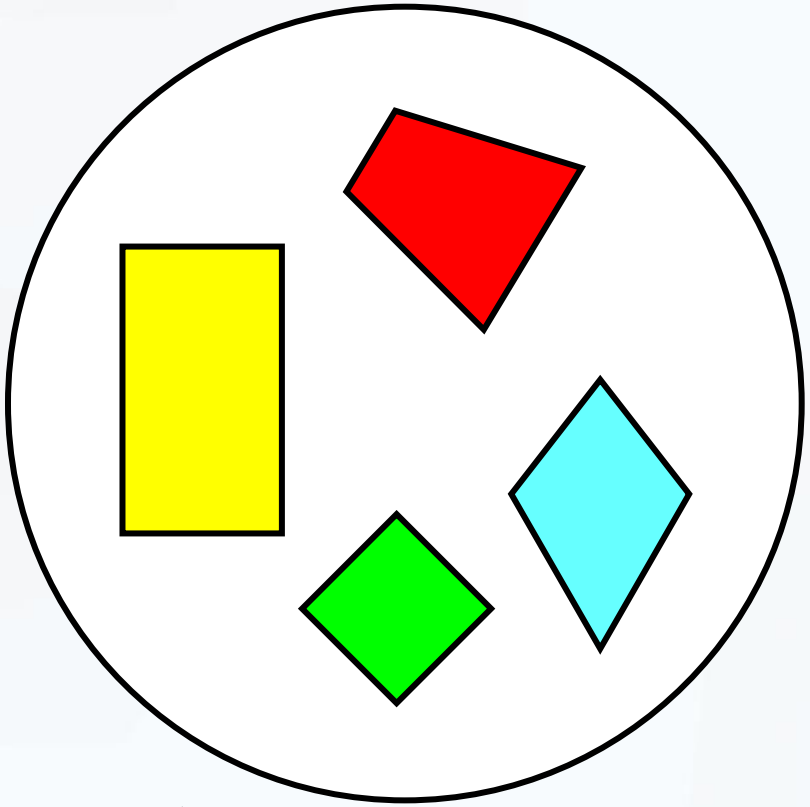
Fluency

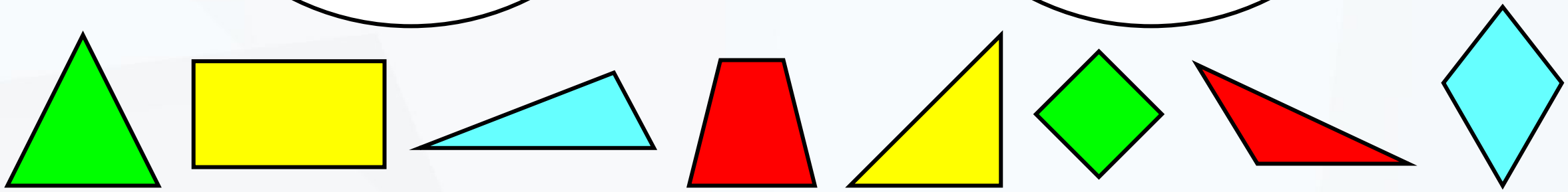
Sort the shapes into two groups.

3 sides



4 sides

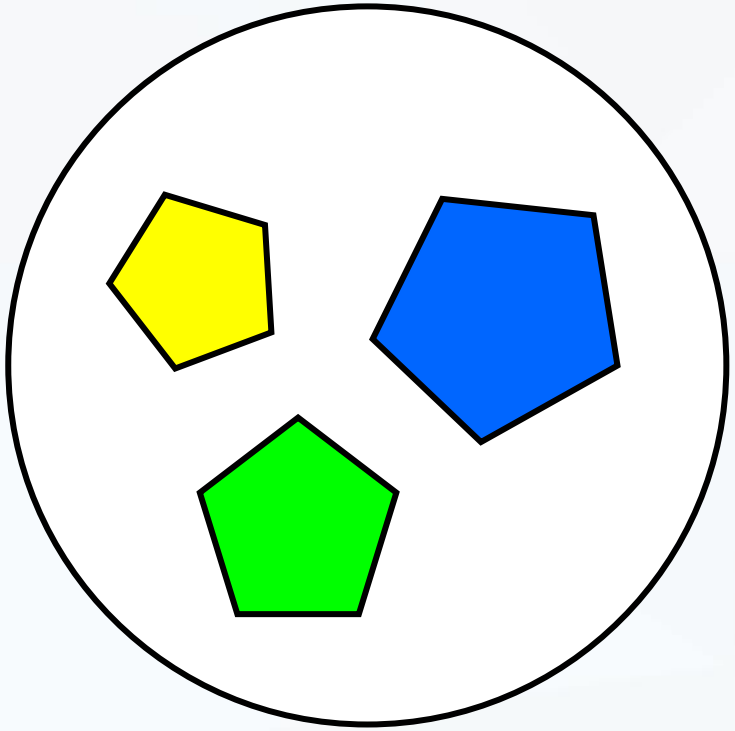




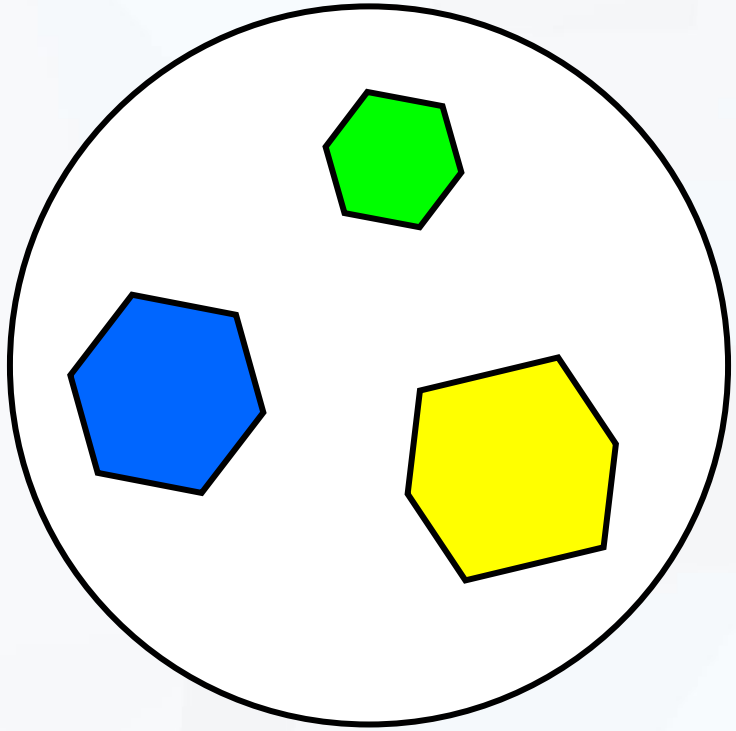
Fluency

Sort the shapes into three groups.

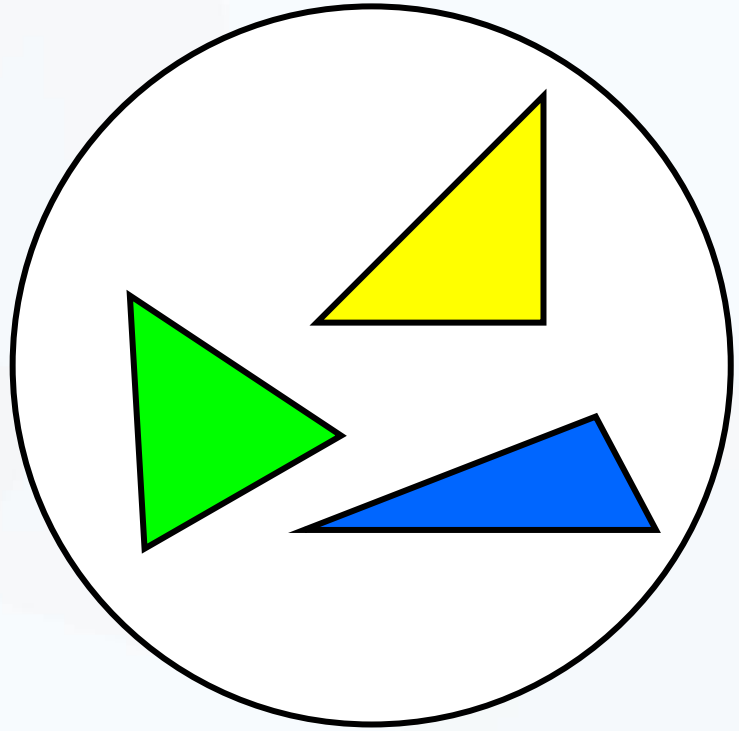
Pentagons

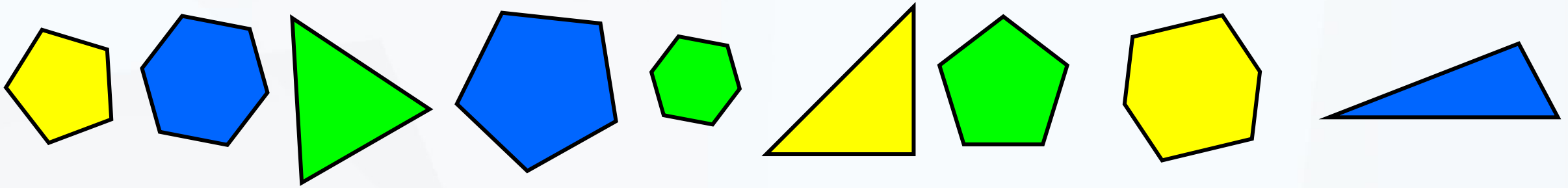


Hexagons



Triangles

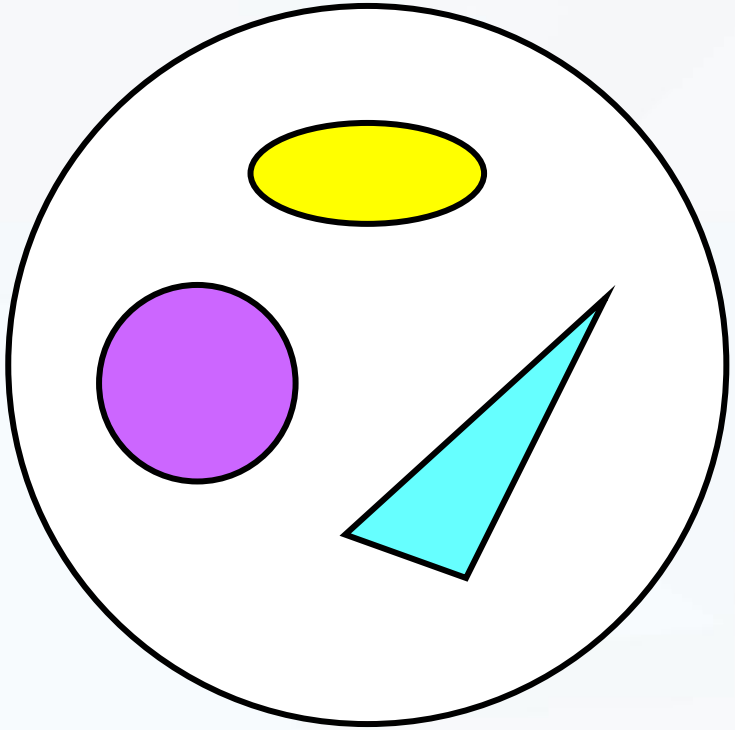




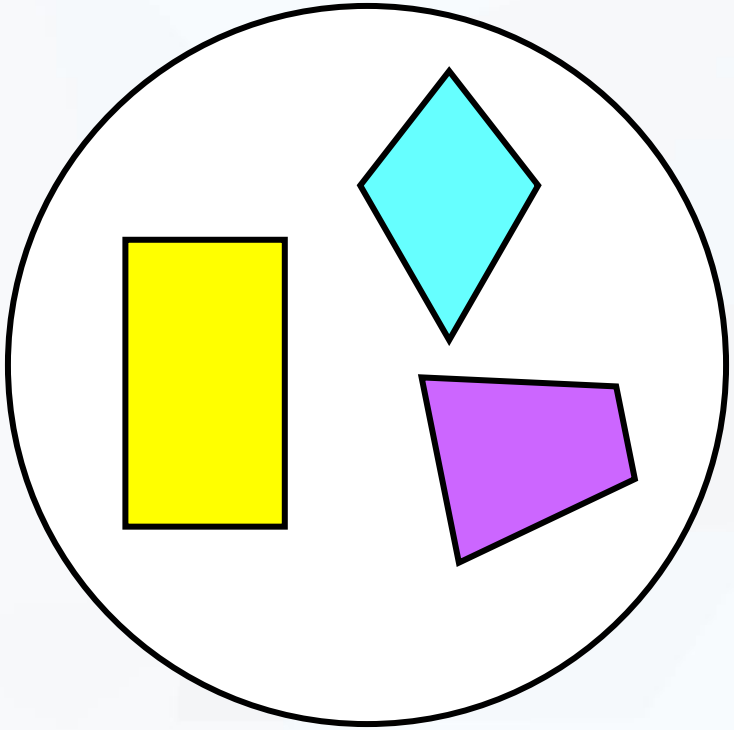
Fluency

Sort the shapes into three groups.

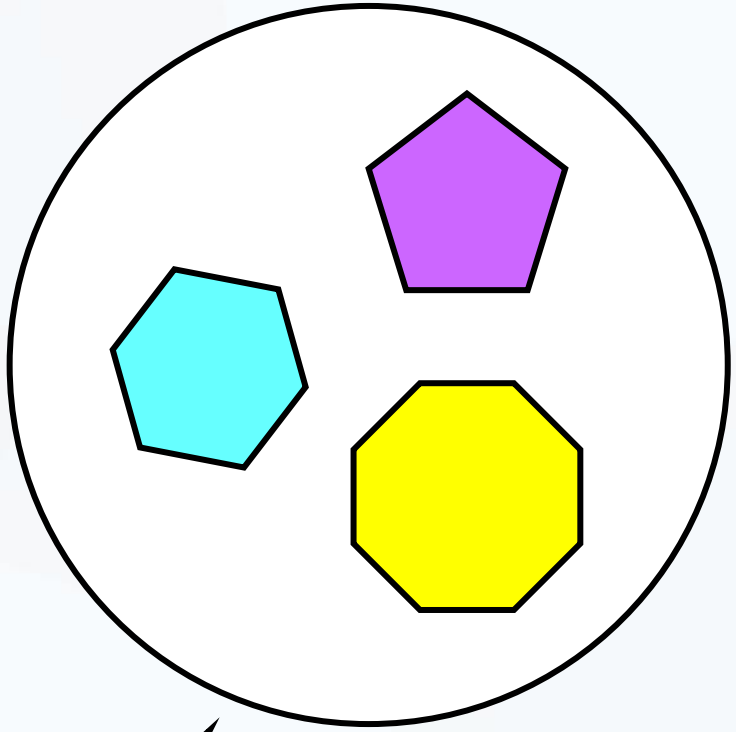
Less than 4 sides

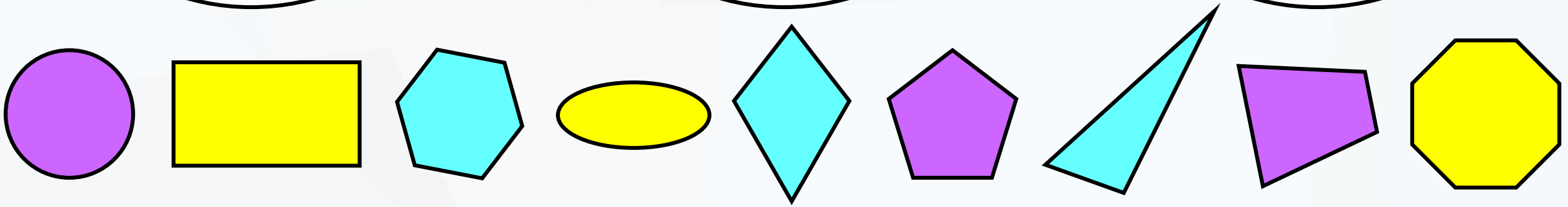


4 sides



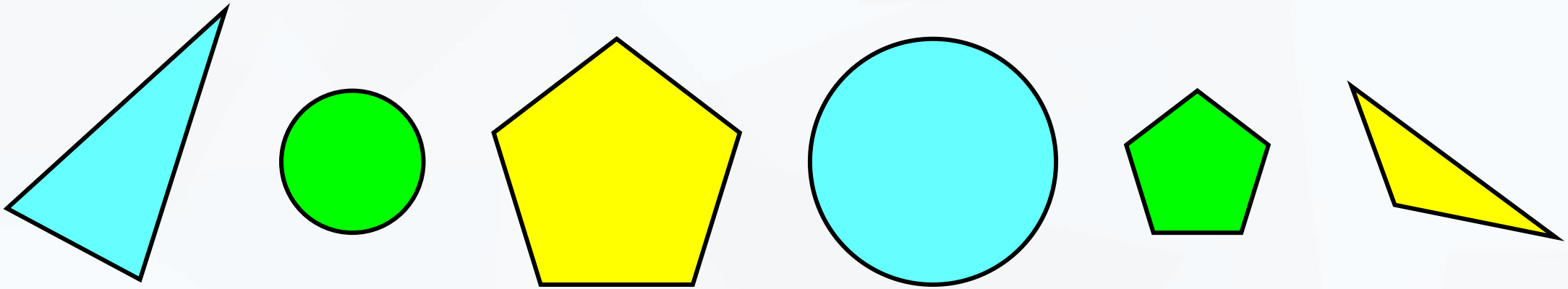
More than 4 sides





Problem solving

How can the following shapes be sorted?



Is there more than one way?

Possible answers:
They could be sorted by colour, size and shape.