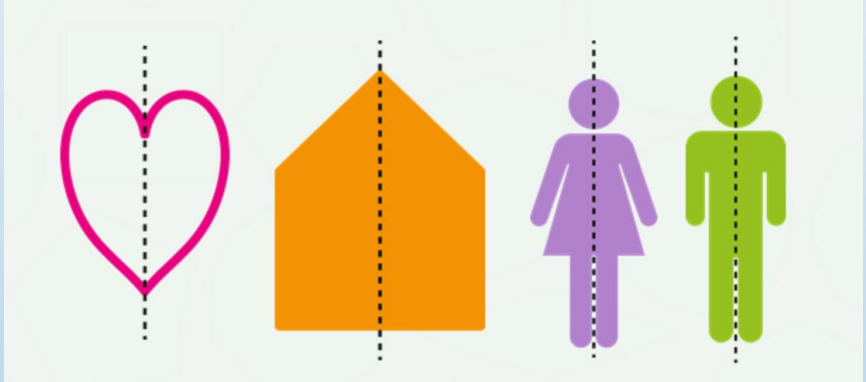
Maths – Thursday 28th January

Retrieval practice:

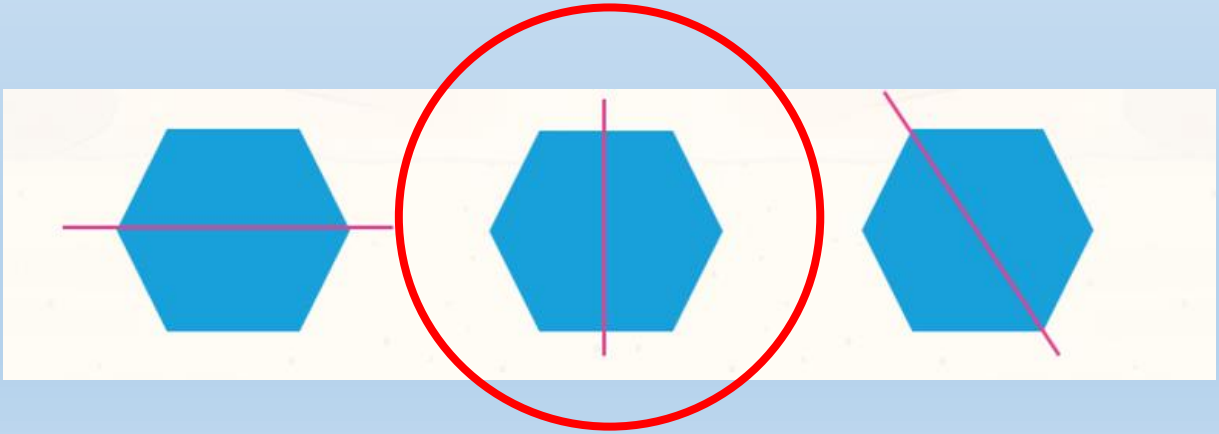
What does symmetrical mean?
Which direction of symmetry are we focusing on?

Retrieval practice:

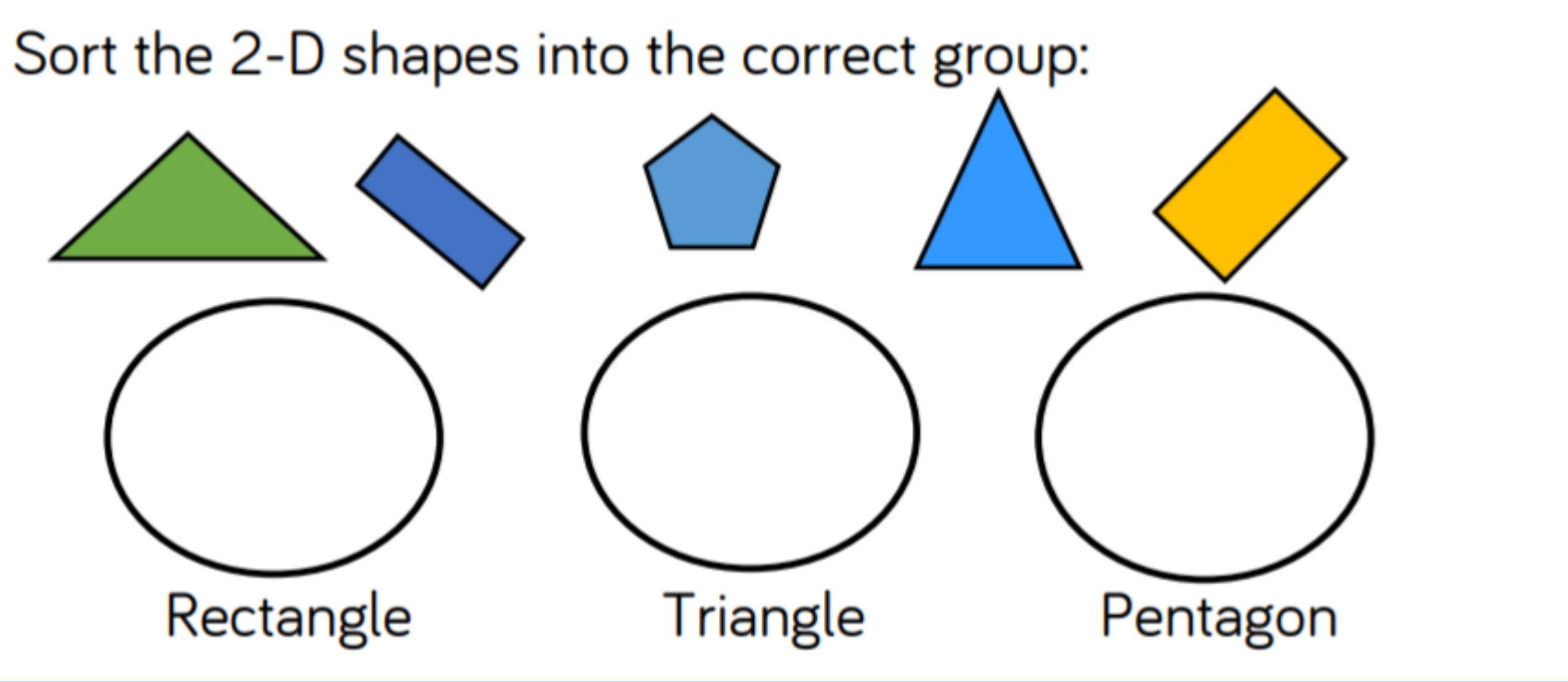
What does symmetrical mean?
An image/object that is the same on both sides. Each side is a mirror image of the other.



Which direction of symmetry are we focusing on?
Vertical lines of symmetry.



WALT: Sort 2D shapes



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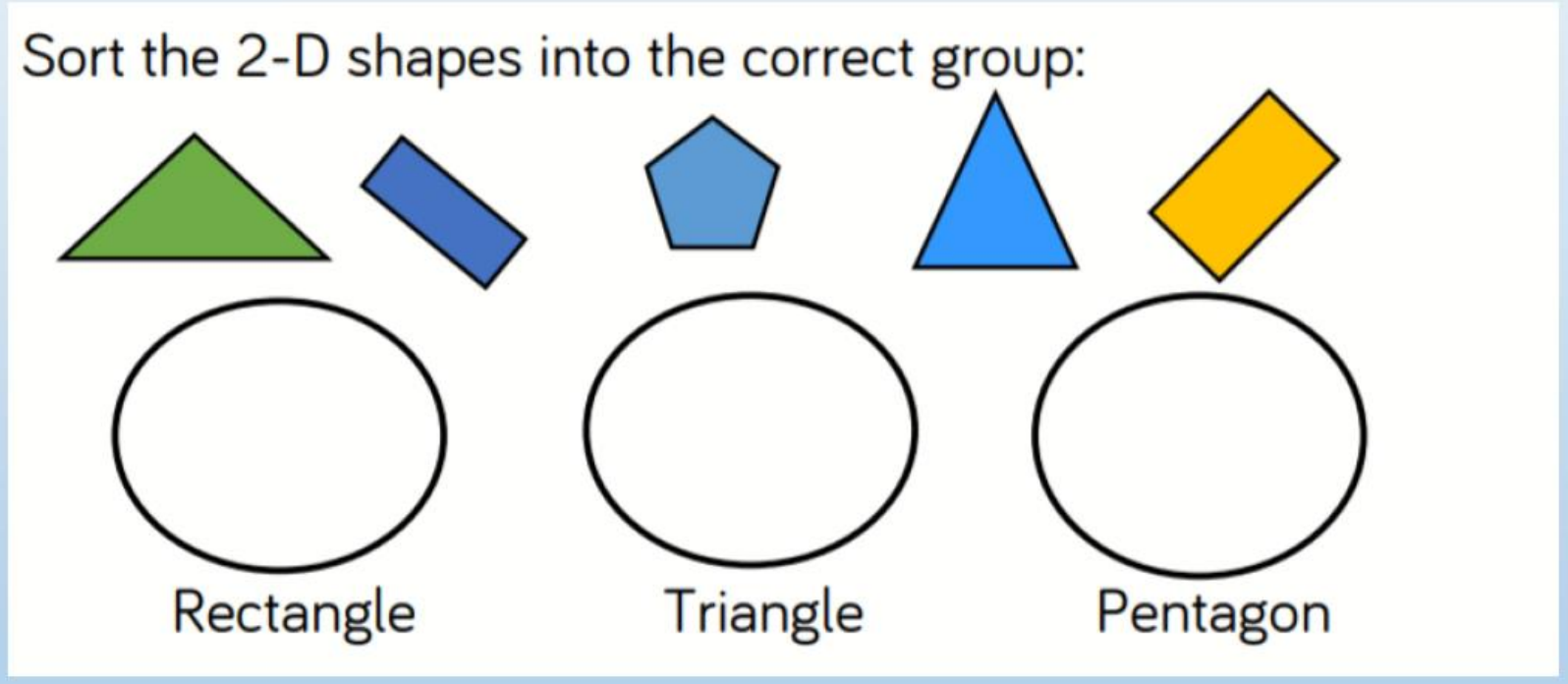
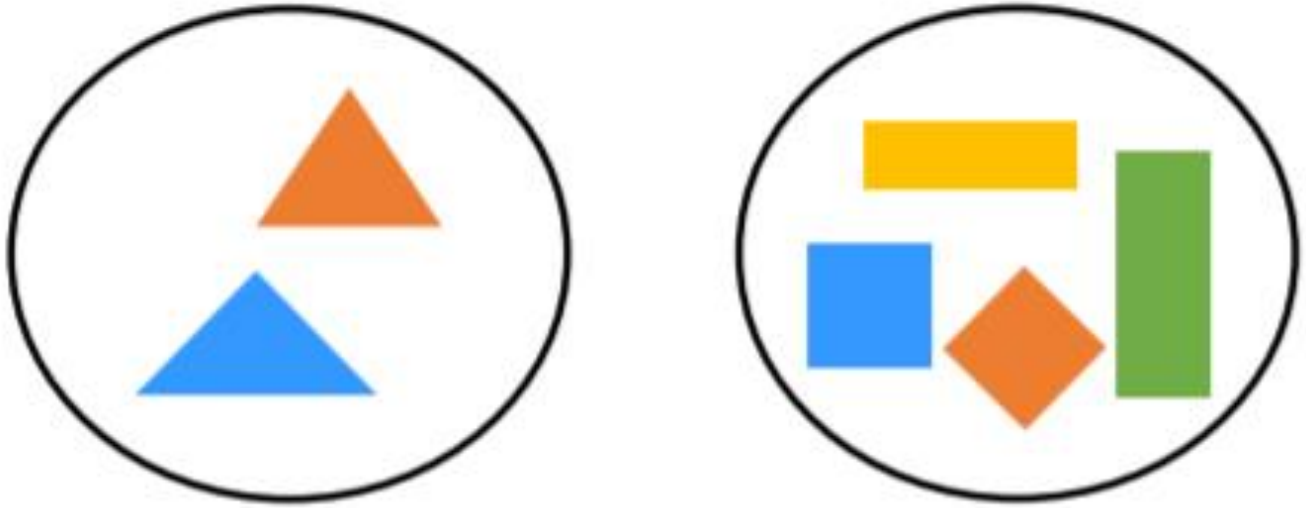


How have the shapes been sorted?



How have the shapes been sorted?

3 sides

4 sides

Whitney sorted her shapes by the number of sides.

What shapes could belong to each group?

4 sides	Not 4 sides

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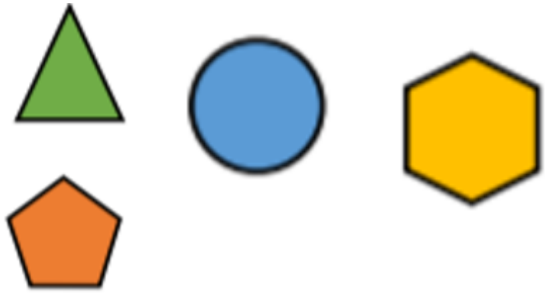
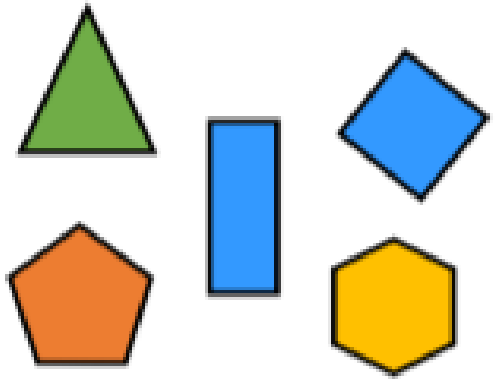
What shapes could belong to each group?

4 sides	Not 4 sides
	

One to discuss

Which shape is in the wrong set?

Explain why.

Vertical line of symmetry	No vertical line of symmetry
	

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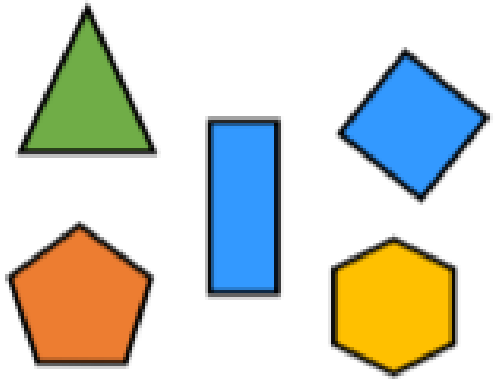
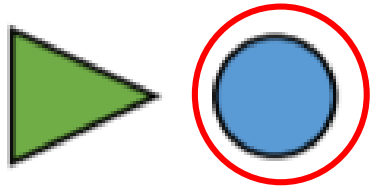
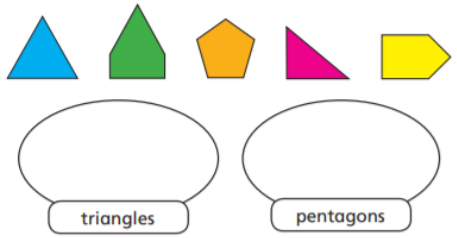
	

- The circle does have a vertical line of symmetry so should be in the other set

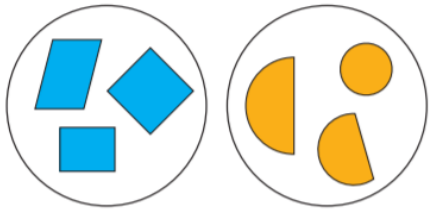
Your task today

Sort 2D shapes

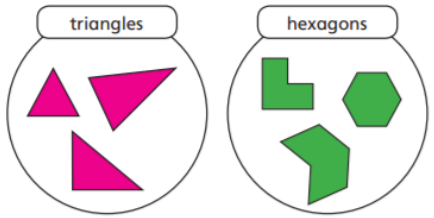
1 Draw lines to sort the shapes into groups.



2 How have the shapes been sorted?



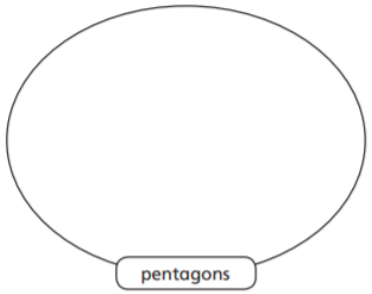
3 Eva sorts some shapes.



a) Is Eva correct? _____

How do you know?

b) Draw a group of three different pentagons.



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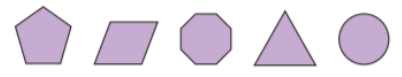
4 a) Sort the shapes in order of the number of sides.

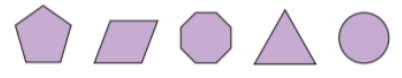
Start with the shape that has the fewest sides.



_____ _____ _____ _____ _____

b) Sort the shapes in order of the number of vertices.

Start with the shape that has the fewest vertices.

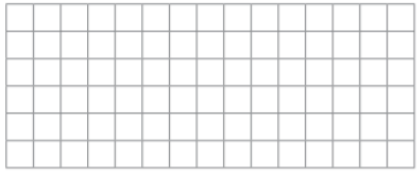


_____ _____ _____ _____ _____

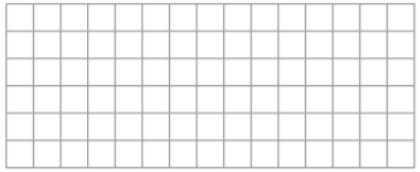
c) What do you notice about your answers to part a) and part b)?

5 Draw three different shapes in each group.

shapes with 4 sides



shapes with an odd number of vertices



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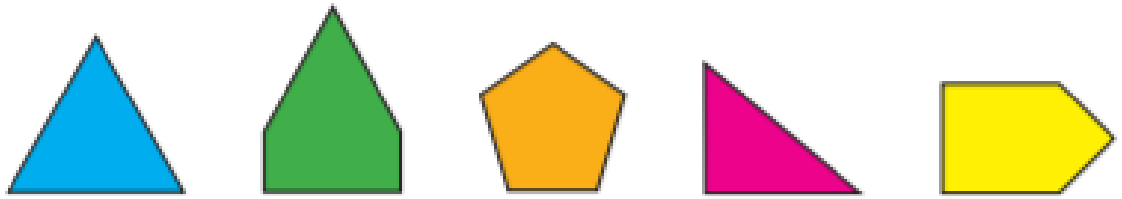
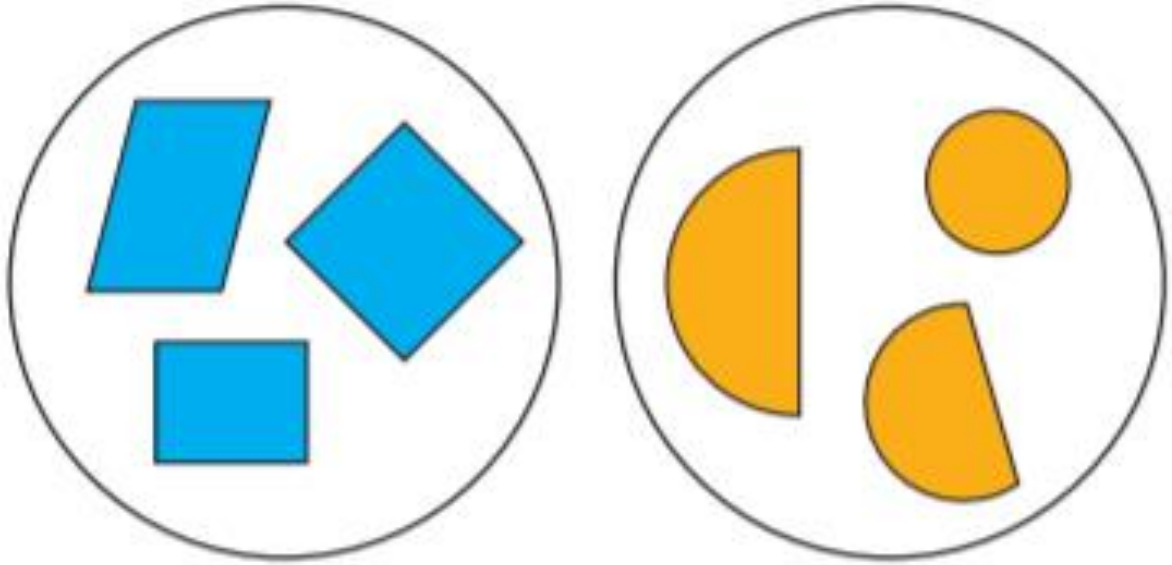


triangles

pentagons

2 How have the shapes been sorted?



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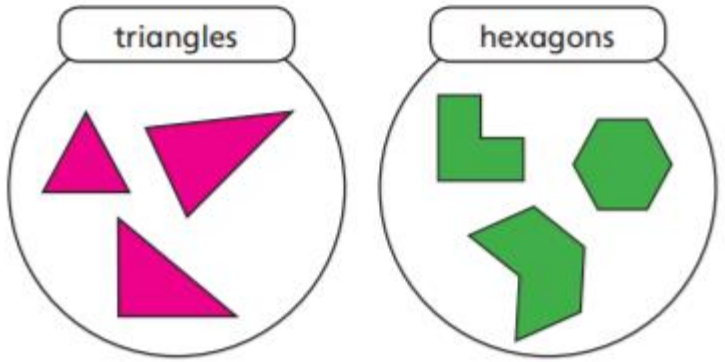

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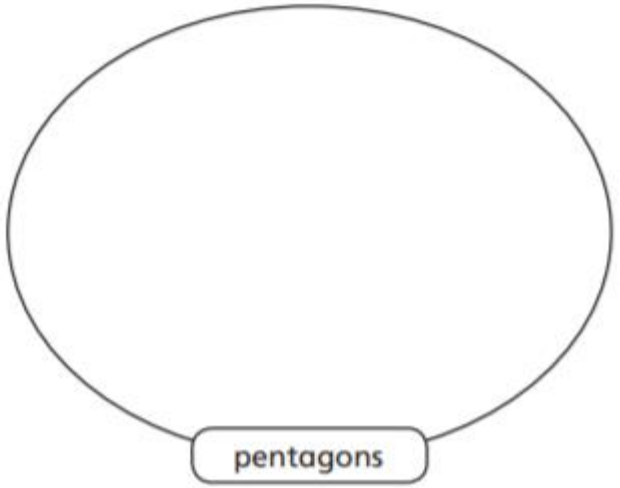

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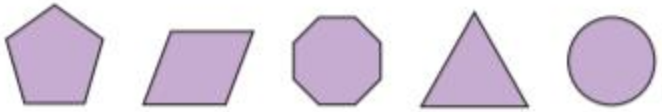

A B C D E

fewest most

____ ____ ____ ____ ____

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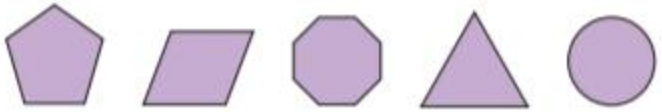

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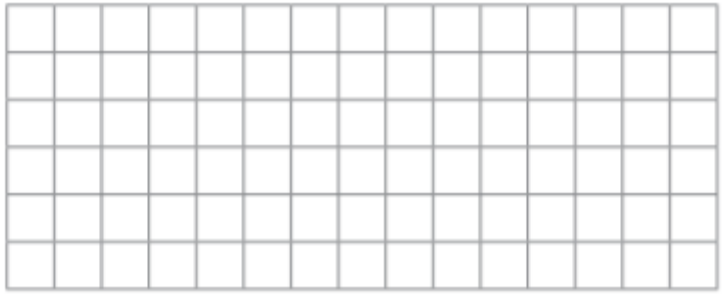
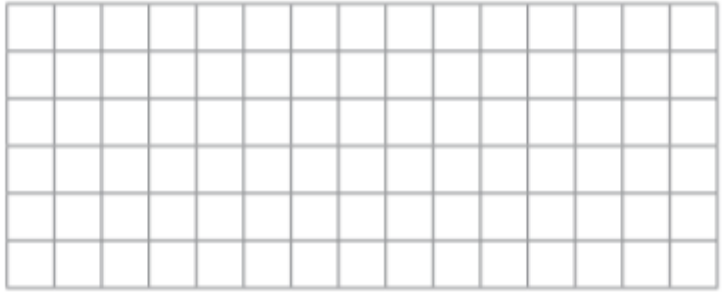


shapes with an odd number of vertices

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