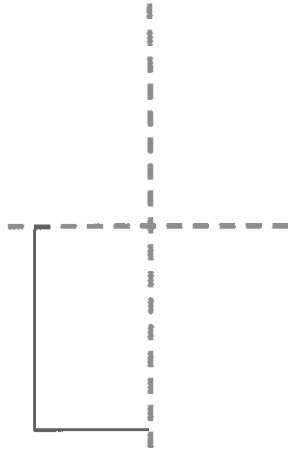


Completing a symmetric shape

1 Complete the symmetric shapes. Name each shape once you have drawn it.

a)



Name of shape: _____

b)



Name of shape: _____

c)



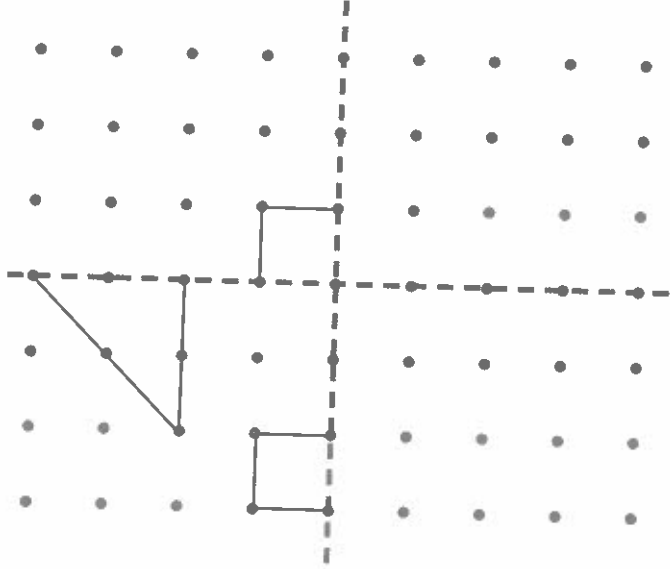
Name of shape: _____

d)

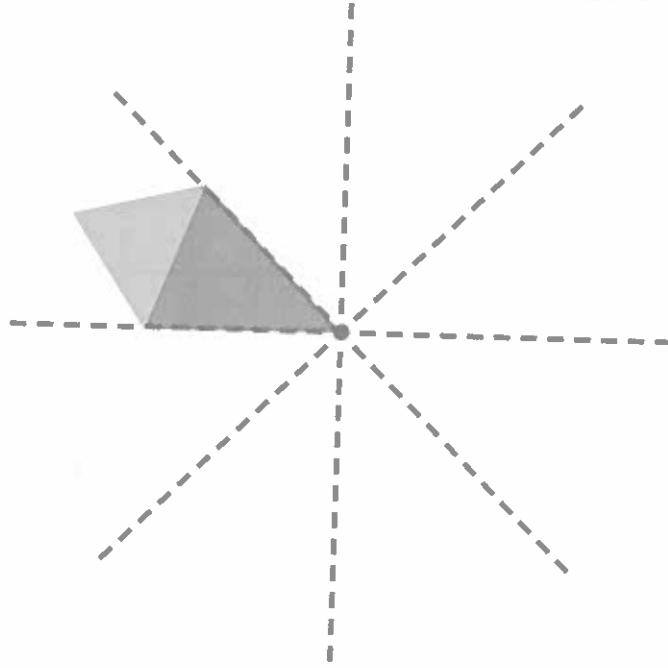


Name of shape: _____

2 What shapes will this symmetric pattern create?

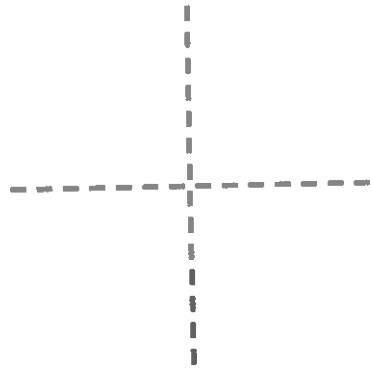


3 Complete the shape.



I will have to look closely to make sure I reflect the shapes in all the lines of symmetry.

- 4 Use these lines of symmetry to create an irregular octagon with at least four obtuse angles.



5

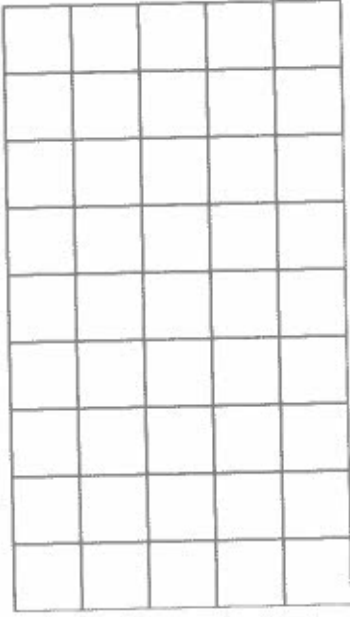


Alex

You cannot have a shape with exactly two lines of symmetry and an odd number of sides.

CHALLENGE

Can you disprove Alex's statement? Explain.



Reflect

When completing a symmetric shape, it is important to ...

● _____

● _____

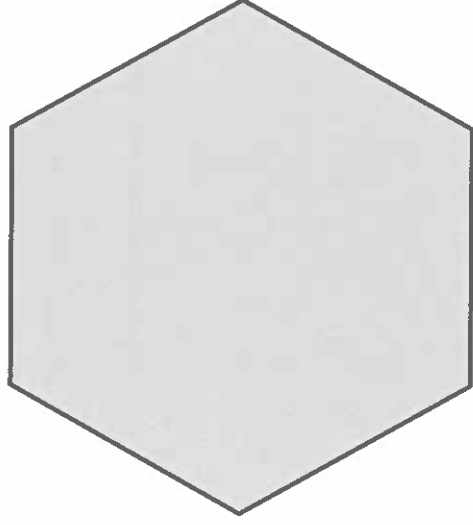
● _____

● _____

End of unit check

My journal

- 1 Draw two straight lines across the hexagon to make two triangles and two quadrilaterals.



How many solutions can you find?

• •

• •

• •

• •

• •

• •

• •

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