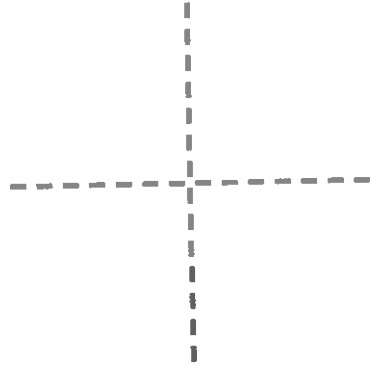


- 4 Use these lines of symmetry to create an irregular octagon with at least four obtuse angles.



5

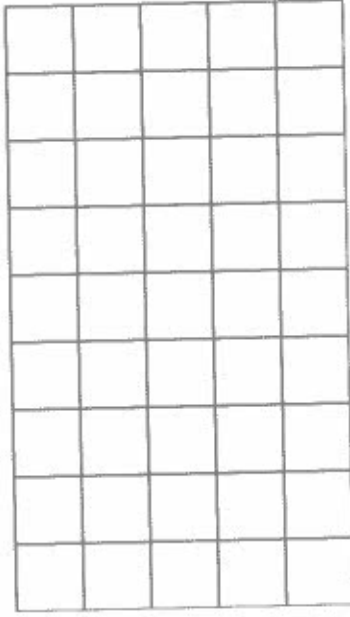
You cannot have a shape with exactly two lines of symmetry and an odd number of sides.



Alex

CHALLENGE

Can you disprove Alex's statement? Explain.



Reflect

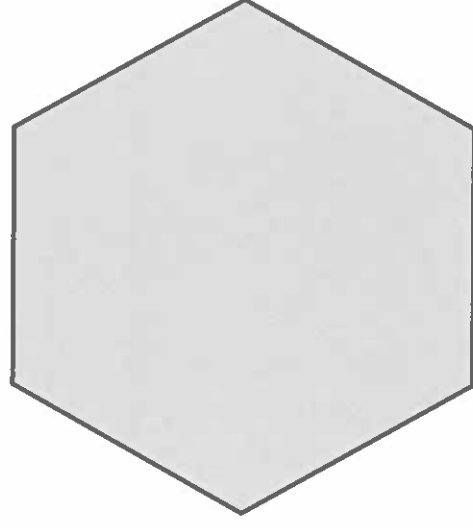
When completing a symmetric shape, it is important to ...

Four horizontal lines for writing a response.

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?

A grid of 40 dots arranged in 8 rows and 5 columns for recording solutions.

2 Greg draws a triangle. He says, 'Two of the three angles in my triangle are obtuse.'

Prove why Greg cannot be correct.

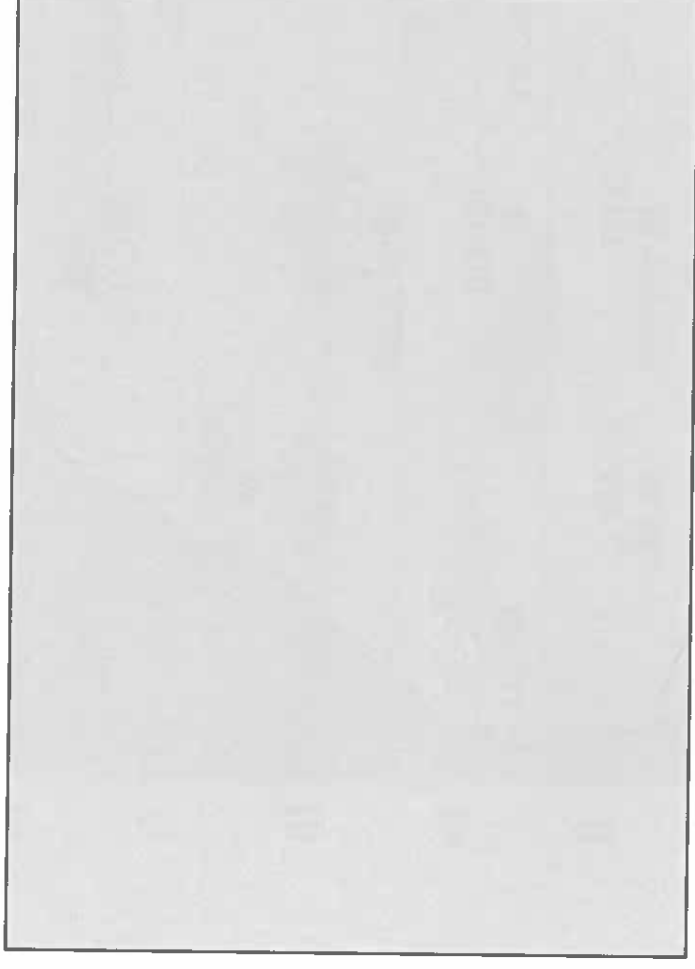
Power check

How do you feel about your work in this unit?

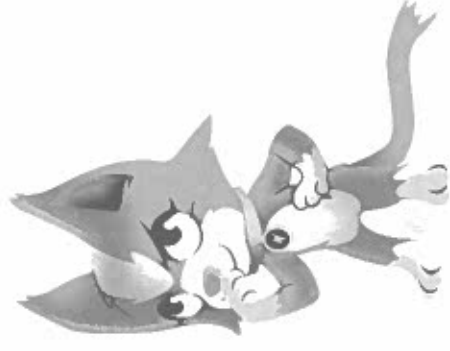


Power puzzle

Can you fold an A4 piece of paper to make a square?



How about an isosceles triangle or an equilateral triangle?



Show your partner. Can they work out how you did it?