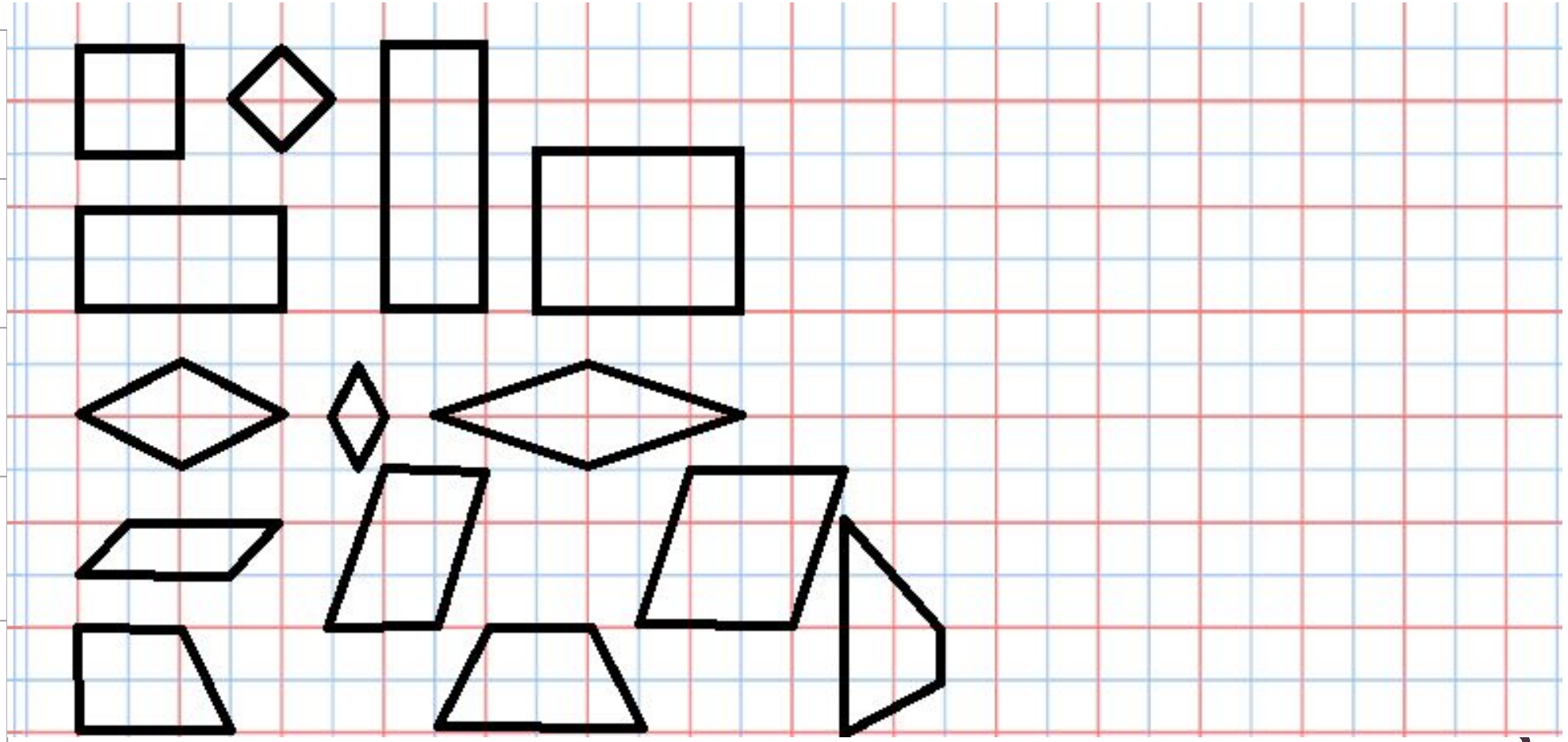
Mathematics

Calculating angles within a shape 2: quadrilaterals

Mr Kelsall

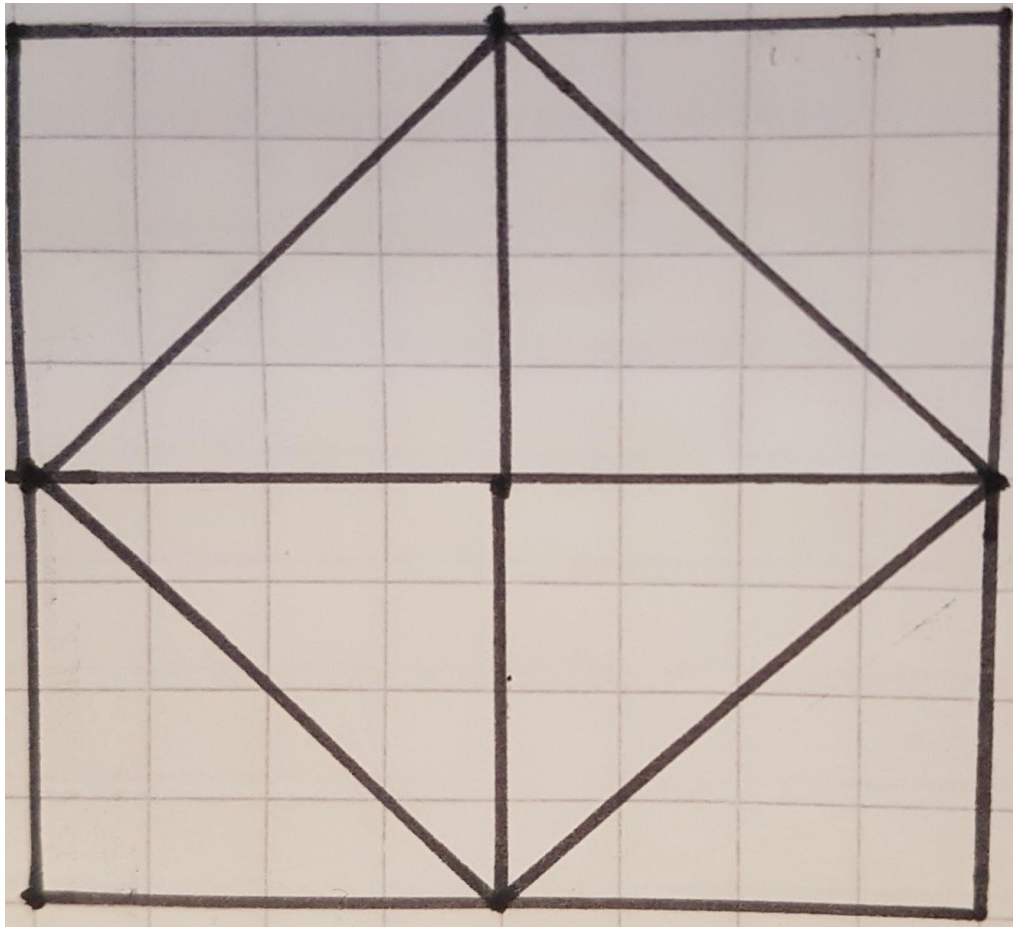
New learning: Types of quadrilateral

Square:
Rectangle
Rhombus
Parallelogram
Trapezium



New learning: Types of quadrilateral

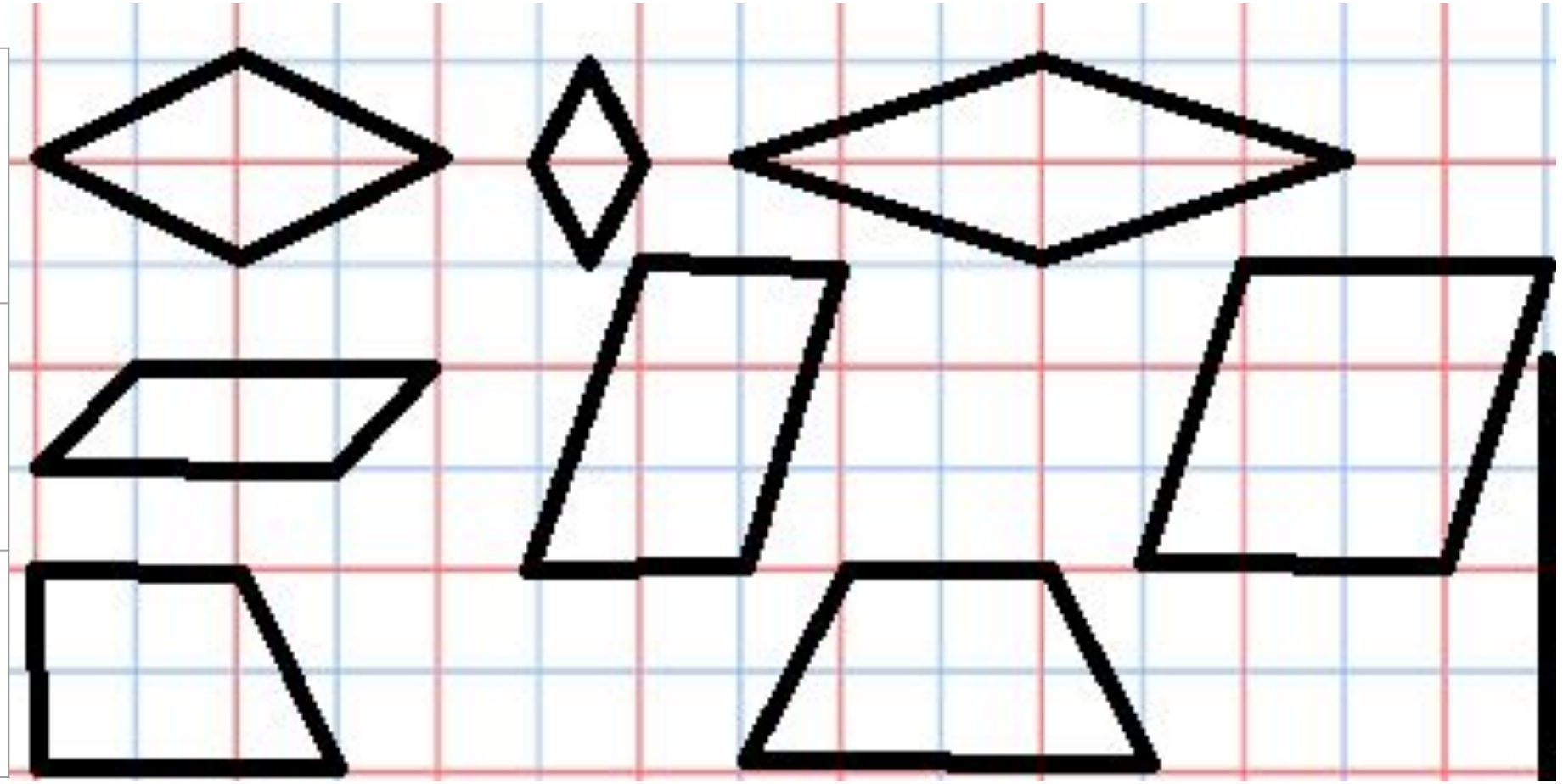
	Angles	Sides
Square:	4 RA	4 equal PS
Rectangle	4 RA	2 pairs of PS
Rhombus	2 pairs of equal A	4 equal PS
Parallelogram	2 pairs of equal A	2 pairs of PS
Trapezium		1+ pairs of PS



Develop learning: angles

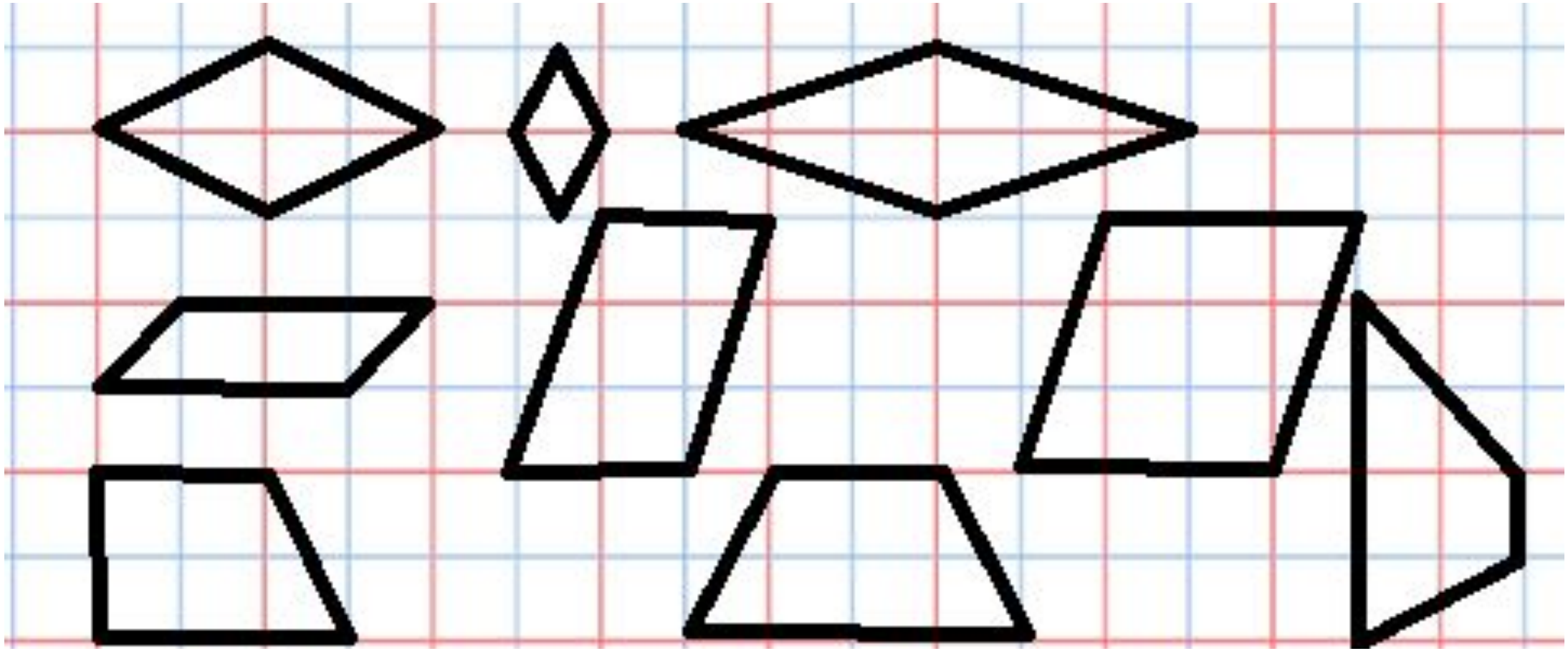
Investigate angles within these shapes

Rhombus
Parallelogram
Trapezium



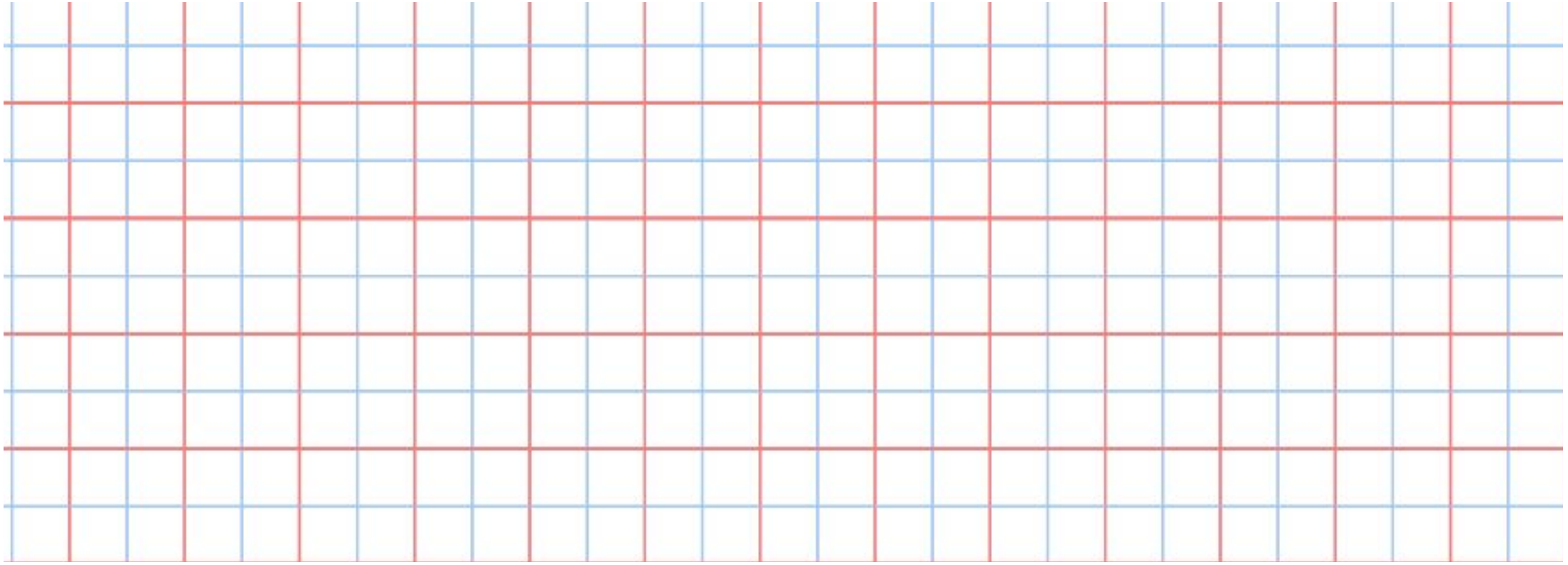
Develop learning: angles

Investigate angles within these shapes



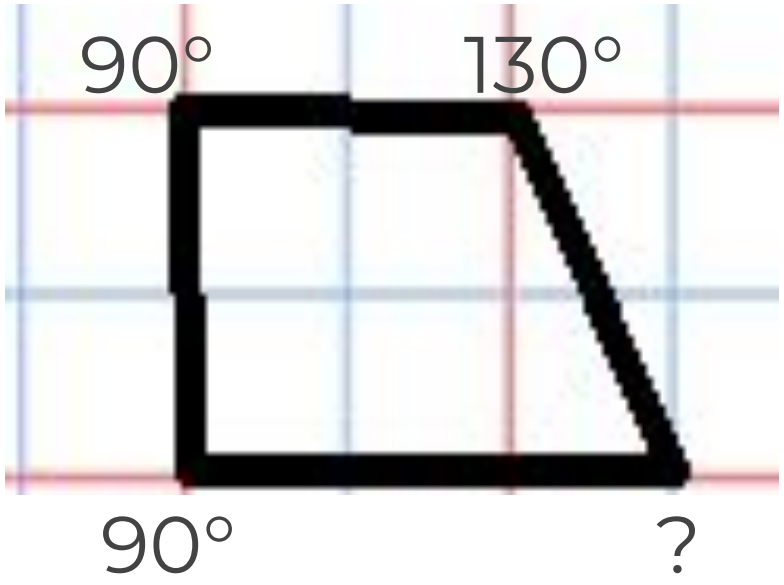
Develop learning: angles

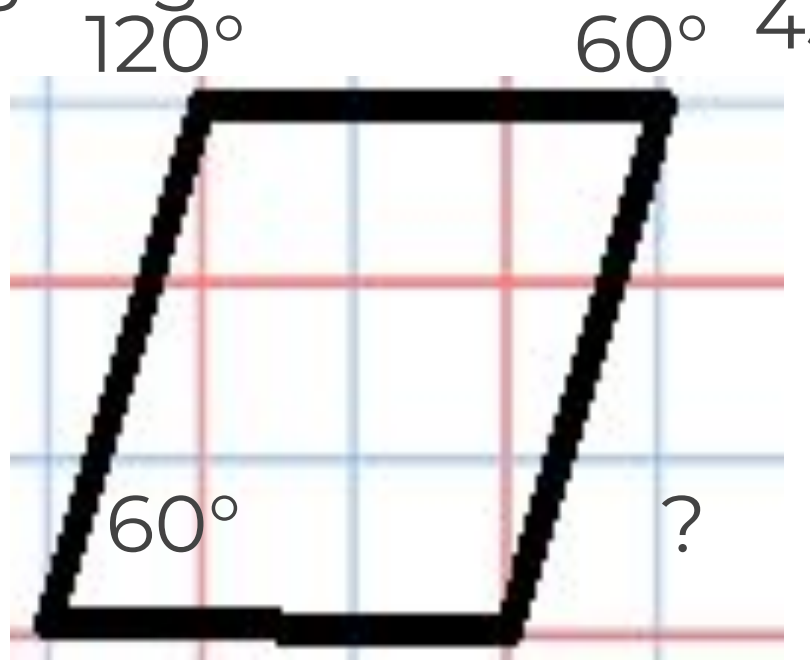
Angles inside a quadrilateral add up to 360°
(two triangles of 180° each)
Draw some quadrilaterals to prove this

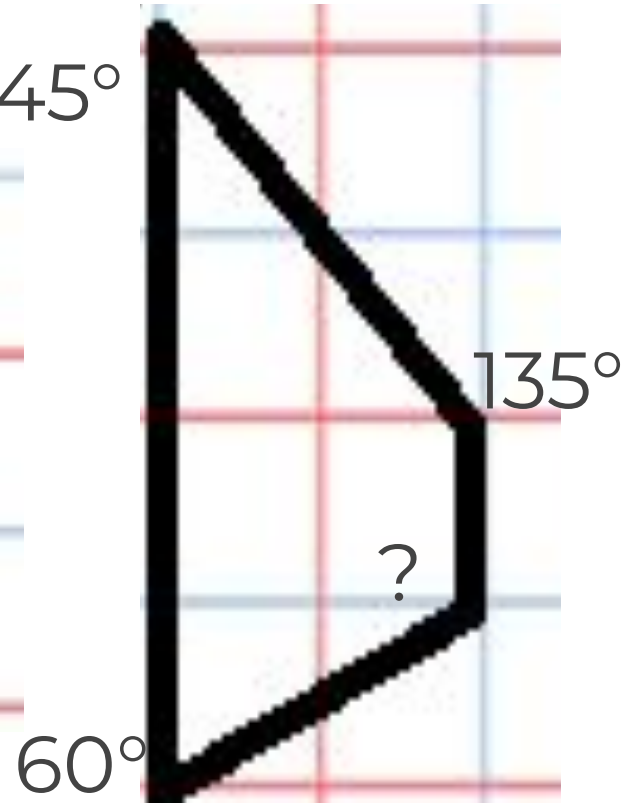


Develop learning: angles

Angles inside a quadrilateral add up to 360°
(two triangles of 180° each)
What are the missing angles?

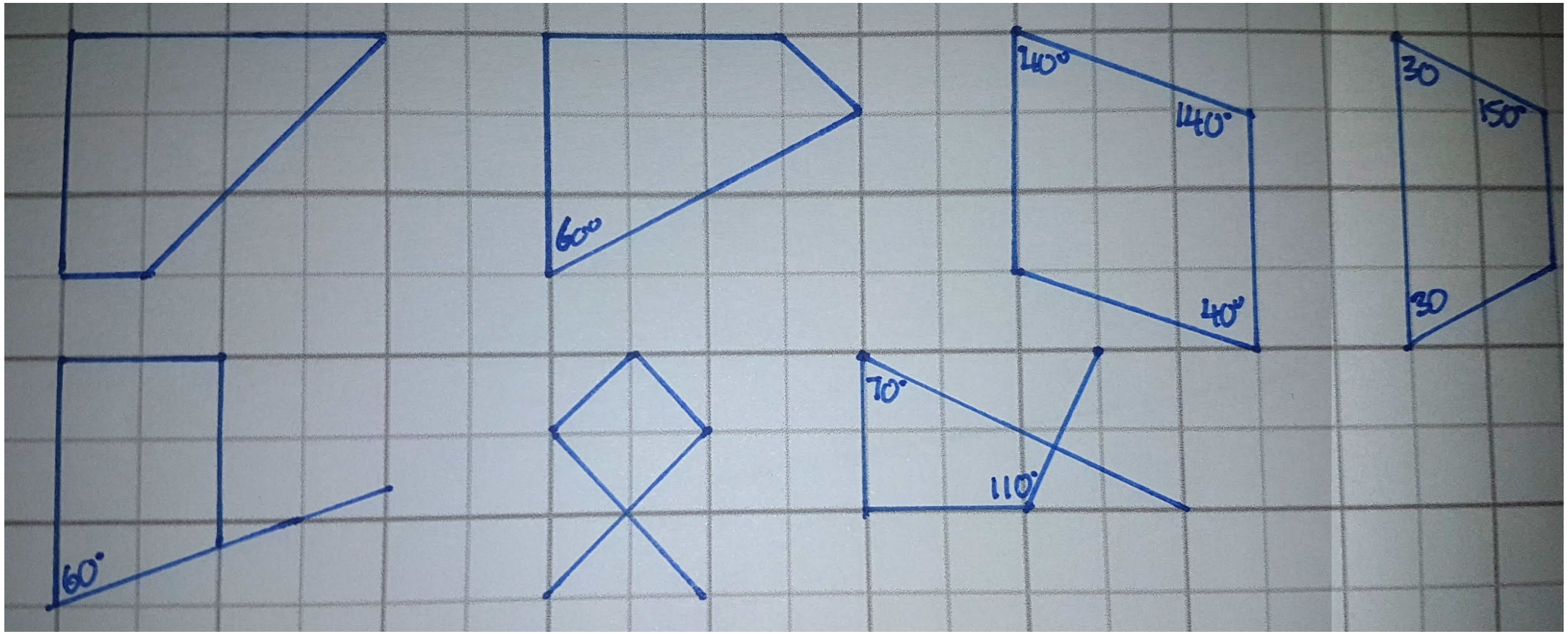






Independent task

Find the missing angles in these shapes



Source of all images : Mr Kelsall or Oak National Academy