

Check out

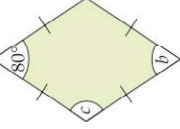
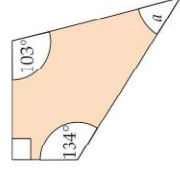
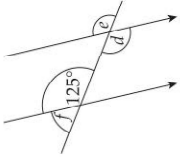
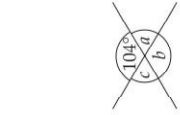
You should now be able to ...

✓ Identify alternate and corresponding angles.	6	1
✓ Use side and angle properties of triangles to solve problems.	5	2
✓ Use the angle sum of a triangle and properties of exterior and interior angles to solve problems.	5	2
✓ Use the angle sum of a quadrilateral.	6	3, 5
✓ Recognise, name and classify different quadrilaterals.	5	4, 5

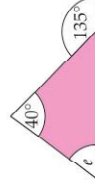
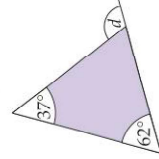
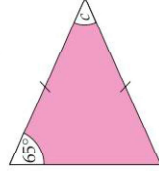
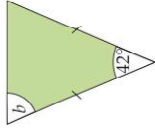
Test it

Questions

- Calculate the value of the letters, give a reason for each of your answers.
- Calculate the value of the letters.
- Calculate the value of the letters in these quadrilaterals.



- Calculate the value of the letters.

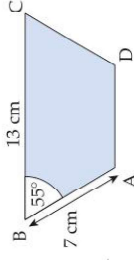


- Which quadrilateral

- usually has no equal angles and no equal sides but always has 1 pair of parallel sides?
- has 4 equal angles of 90° , 2 pairs of equal sides and 2 pairs of parallel sides?

- In this isosceles trapezium, find

- the length of CD
- the size of angle C
- Angles A and D are the same size find the size of angle A.



Language Meaning Example

Parallel lines	Lines which are parallel are always the same distance apart.	
Alternate angles	Alternate angles are equal.	
Corresponding angles	Corresponding angles are equal.	
Vertically opposite	Vertically opposite angles are equal.	
Interior and exterior angles	Interior angles are angles inside a shape. Exterior angles are formed when you extend the line of a shape.	
Quadrilateral	A quadrilateral is a shape with four straight sides.	

What next?

Score	0 - 2	3, 4	5
	Your knowledge of this topic is still developing. To improve look at Formative test: 3A-5; MyMaths: 1080, 1082, 1102, 1109, 1130 and 1141	You are gaining a secure knowledge of this topic. To improve look at InvisiPen: 341, 342, 343, 344 and 345	You have mastered this topic. Well done, you are ready to progress!