

Name: _____

Class: _____

Date: _____

Polygons

A polygon is any 2-D shape with straight sides.
The sides and angles of a regular polygon are all equal.
These are the names of some polygons.



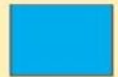
triangle

3 sides



heptagon

7 sides



quadrilateral

4 sides



octagon

8 sides



pentagon

5 sides



nonagon

9 sides



hexagon

6 sides



decagon

10 sides

On a regular shape all sides are the same length. On an irregular shape the sides are different lengths.



regular pentagon



2 Name the odd polygon in each set.

a)



b)



c)



d)



Quadrilaterals

Quadrilaterals are four-sided shapes.



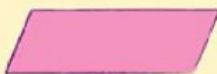
square
4 equal sides
4 right angles



rectangle
2 pairs of equal sides
4 right angles



rhombus
4 equal sides
Opposite sides parallel
Opposite angles equal



parallelogram
Opposite sides equal
and parallel
Opposite angles equal



kite
Two pairs of
adjacent sides
equal

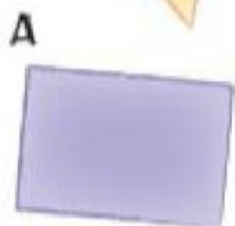
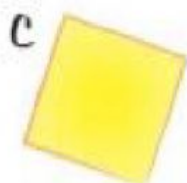


trapezium
One pair of parallel sides
of different lengths

A square is a special rectangle and a rectangle is a special parallelogram.
So a square is actually a type of parallelogram.

- 2 Look at these shapes and complete the chart by ticking the names.
Remember, some shapes may have more than one name.

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Shape	A	B	C	D	E	F	G	H
square								
rhombus								
rectangle								
parallelogram								
trapezium								
kite								



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