



21st Century Schools

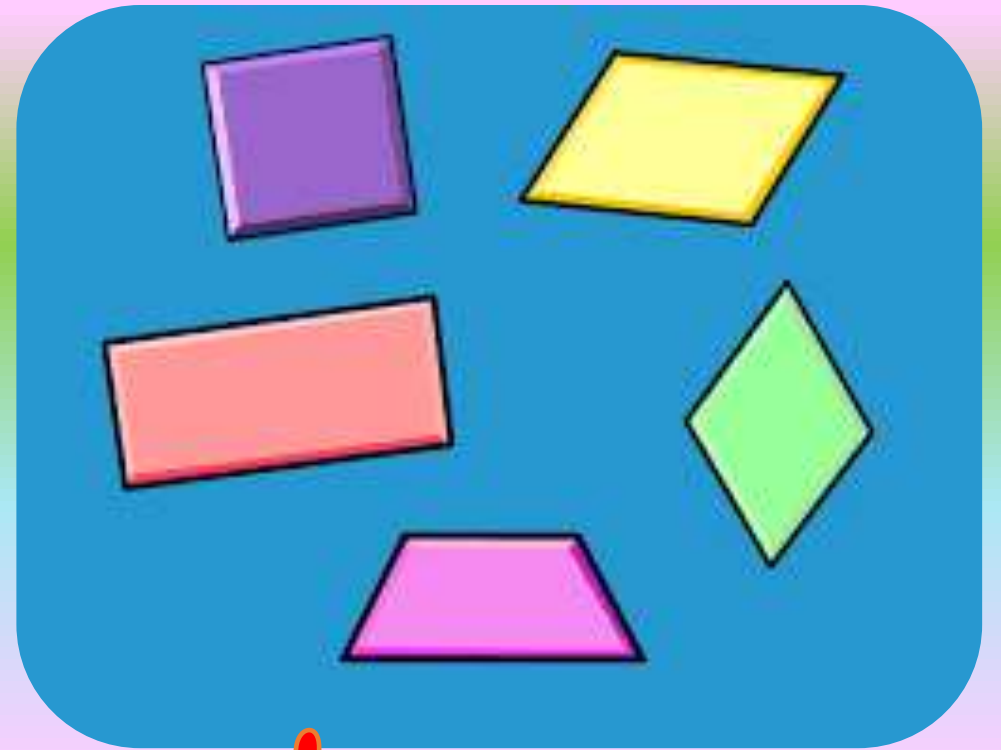
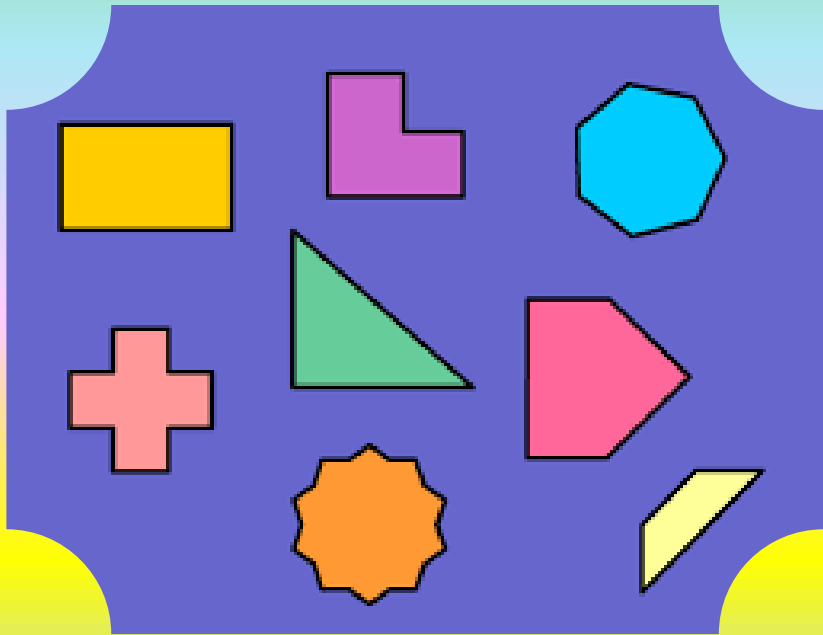
HELLO

.A.N.D.

WELCOME

Geometry

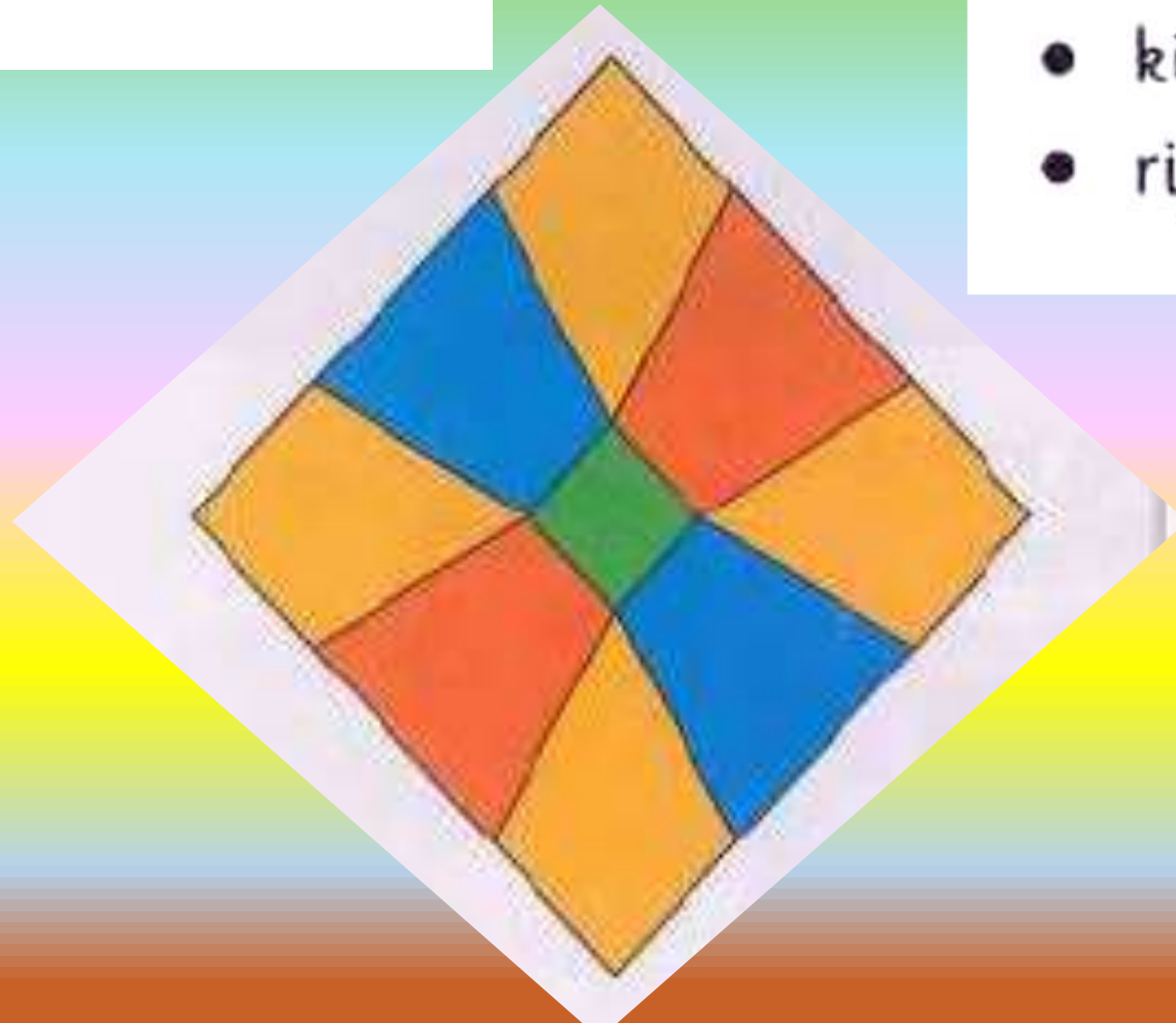
polygons



quadrilaterals

Let's investigate

What can you see in the pattern below?



How many:

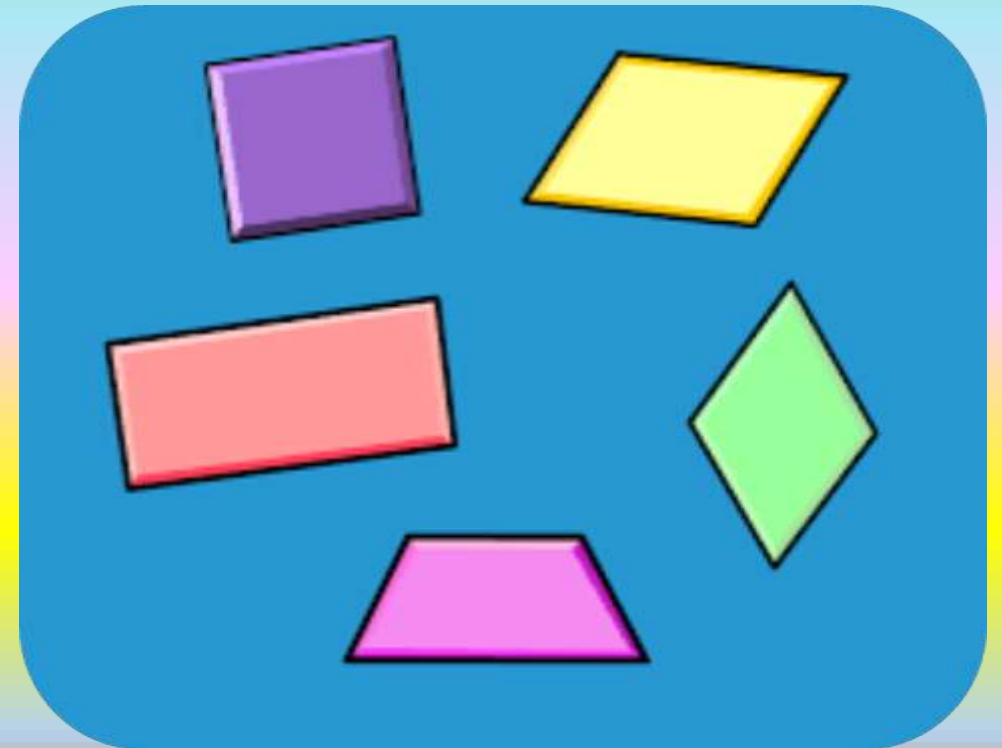
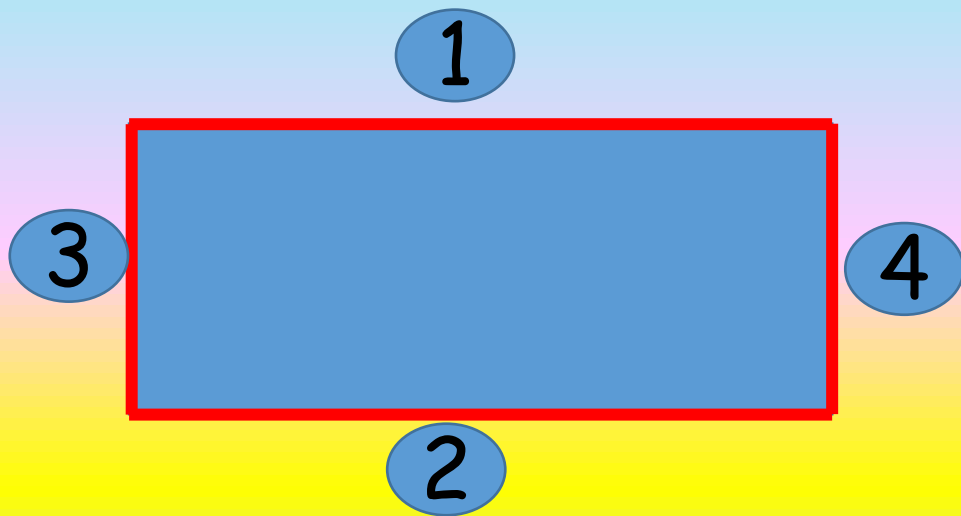
- squares?
- trapeziums?
- kites?
- right-angles?

Vocabulary

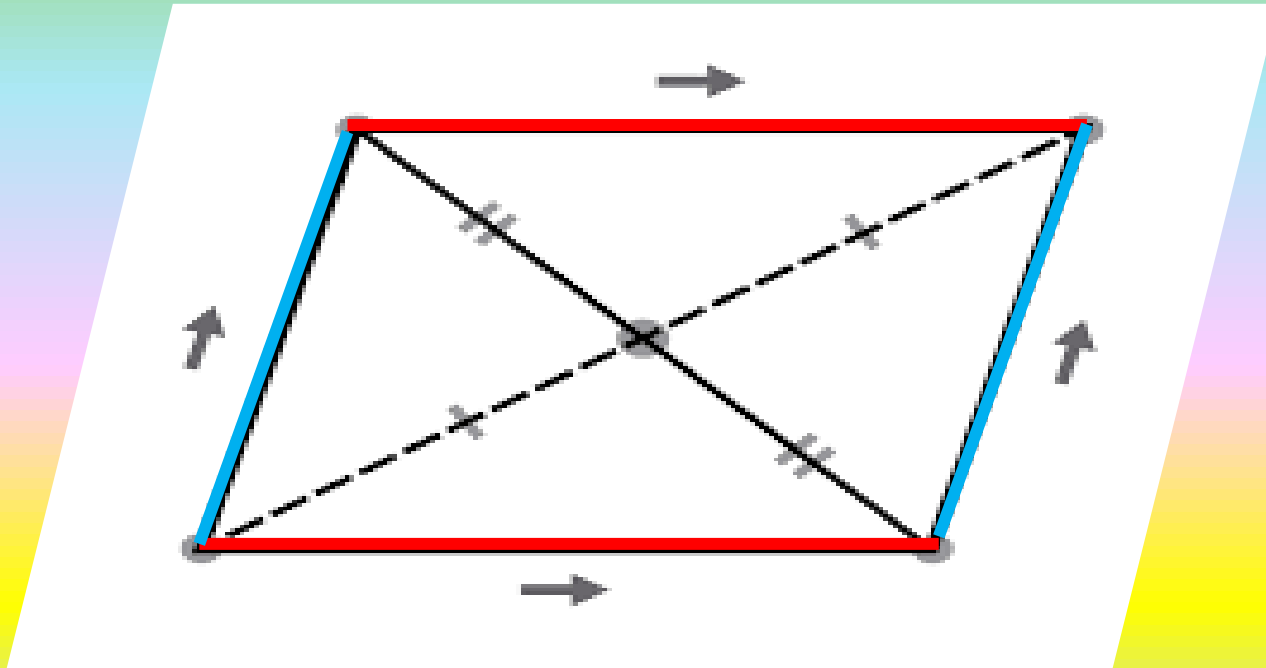
A **polygon** is a closed 2D shape with three or more straight sides.



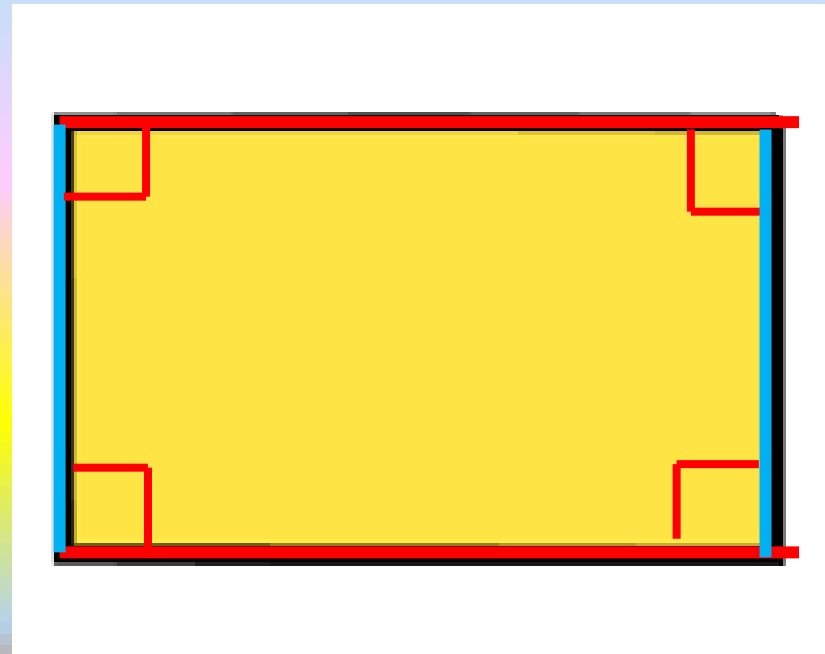
Quadrilateral : a polygon with exactly four sides.



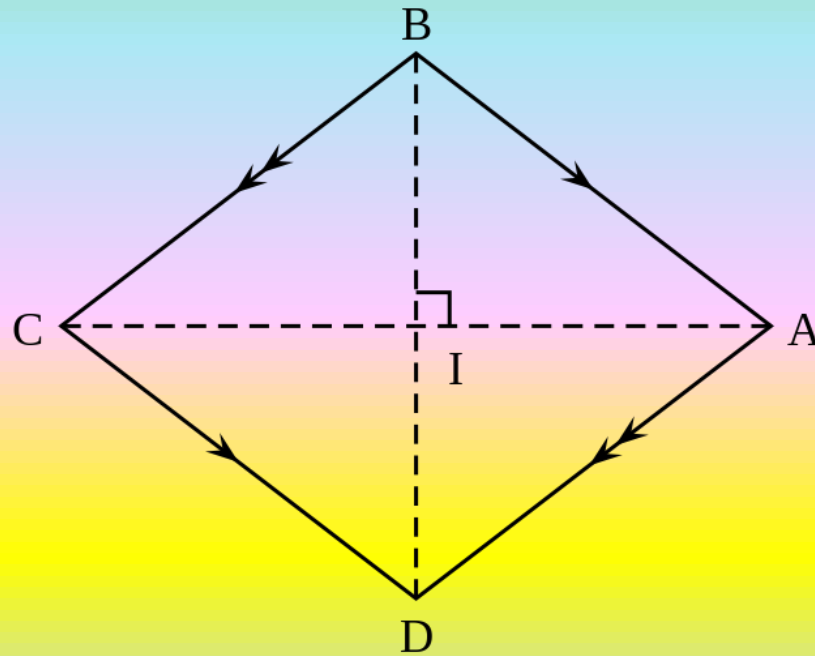
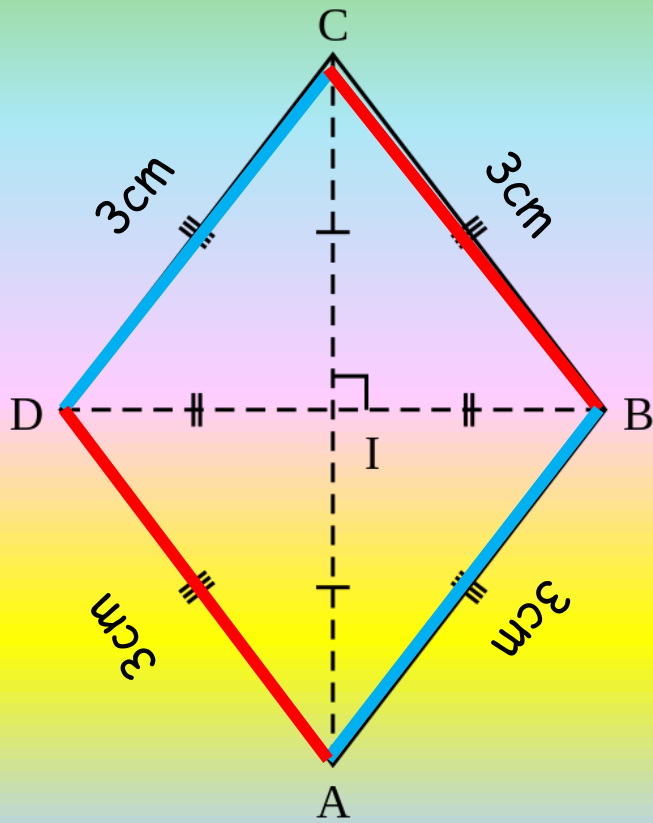
Parallelogram: a quadrilateral. Both pairs of opposite sides are parallel.



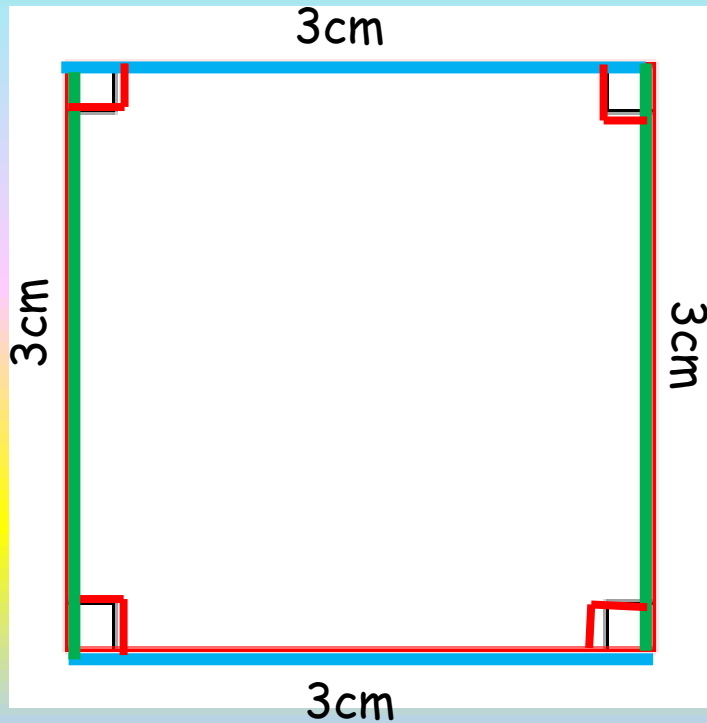
Rectangle : a quadrilateral. Both opposite sides are parallel and all angles are right.



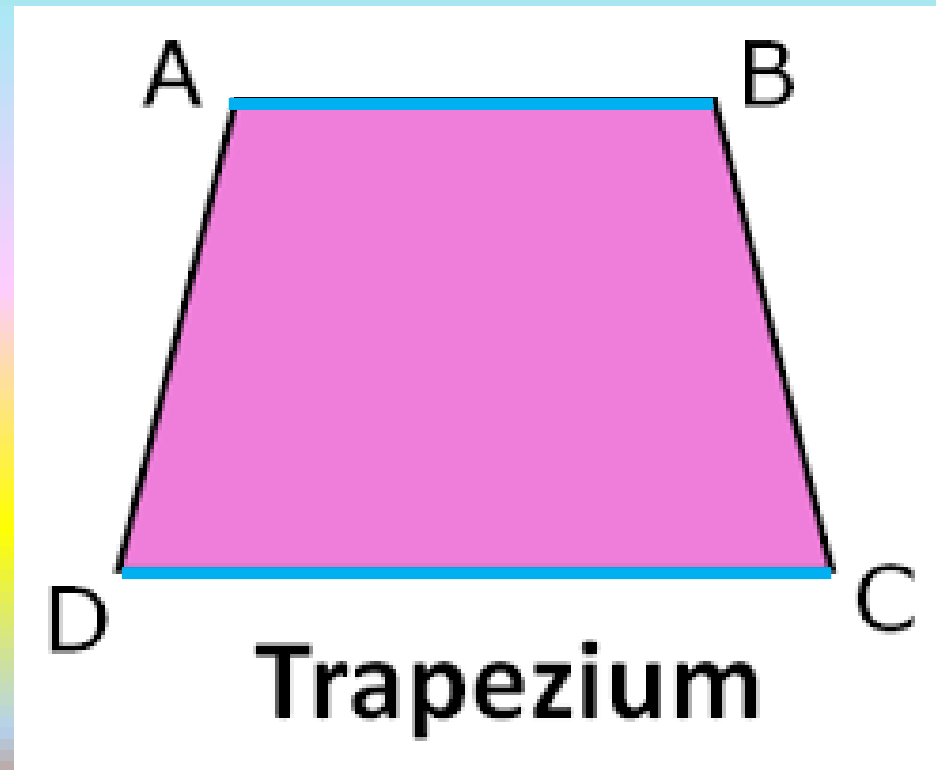
Rhombus : a quadrilateral. Both opposite sides are parallel and all sides are the same length.



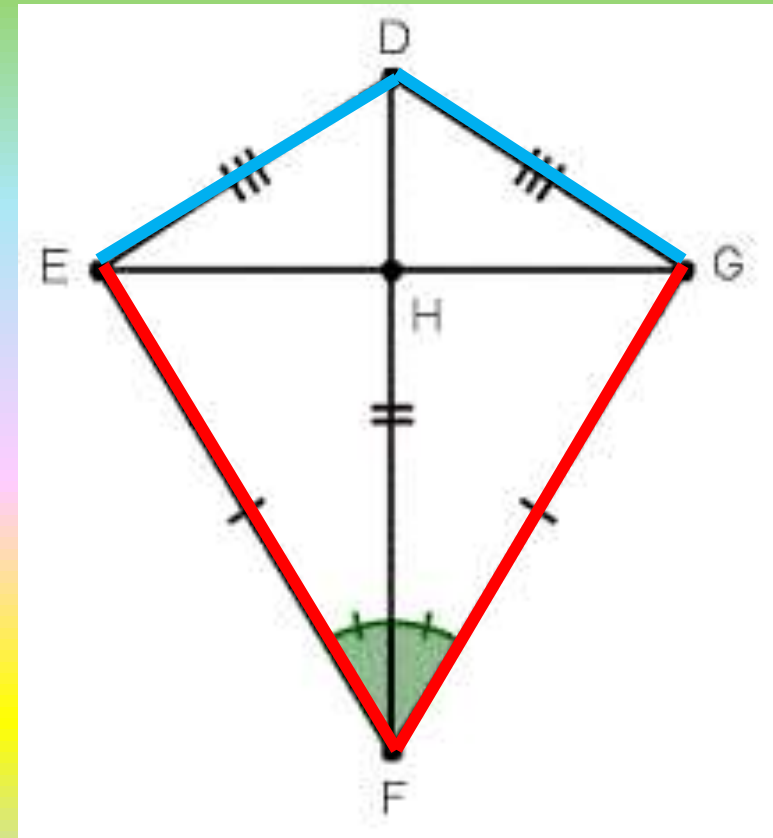
Square is a quadrilateral. Both opposite sides are parallel; all sides are the same length and all angles are right angles..



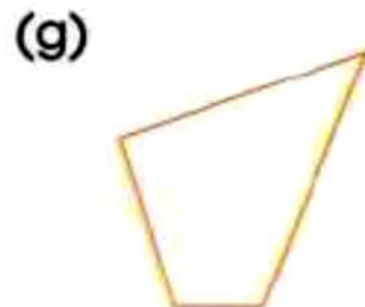
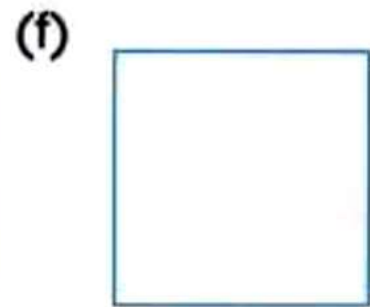
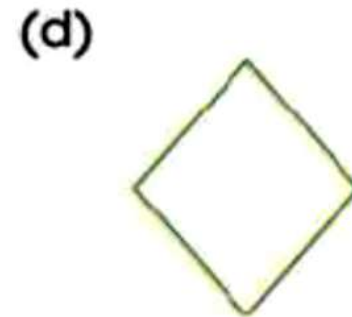
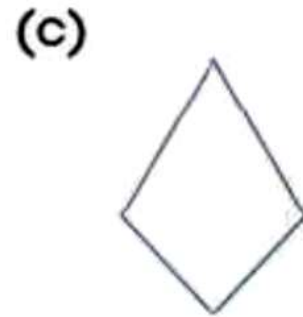
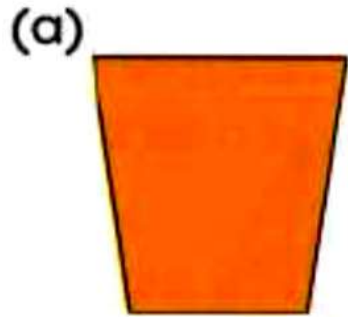
Trapezium (=trapezoid) is a quadrilateral. One pair of opposite sides is parallel.



Kite is a quadrilateral. Two pairs of adjacent sides are the same length.



2 Copy and complete the table for these shapes.



	Number of right angles	Number of pairs of parallel sides
(a)		
(b)		
(c)		
(d)		
(e)		
(f)		
(g)		
(h)		



Bye!