

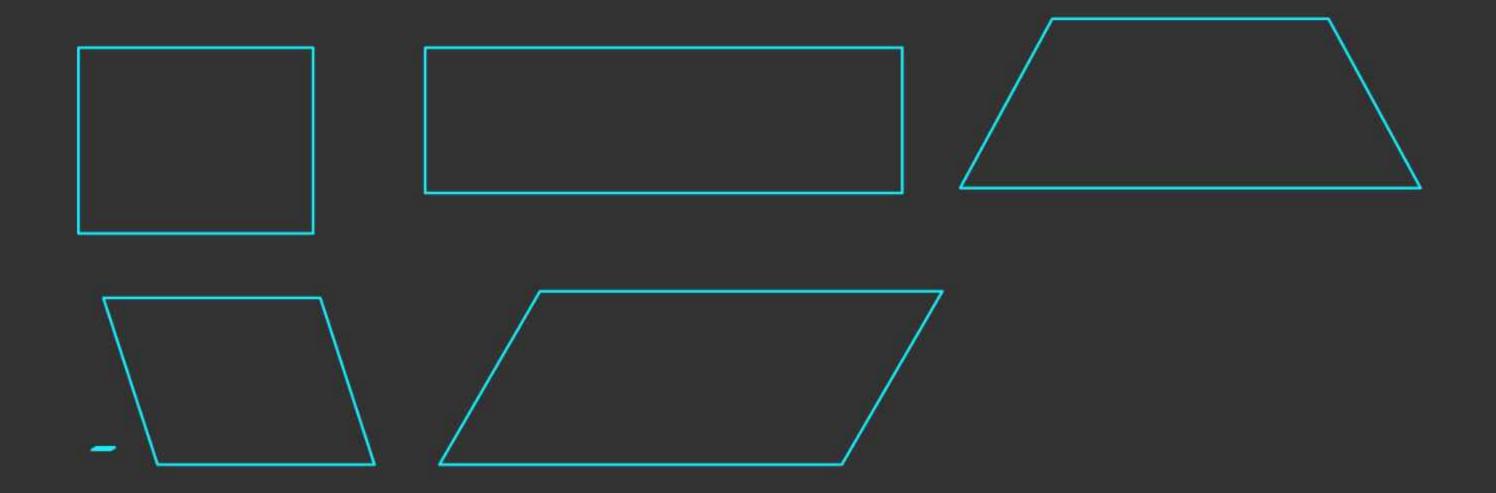
DSSBBTGTPART(A+B)





QUADRILATERAL

06/05/2024 04:00PM



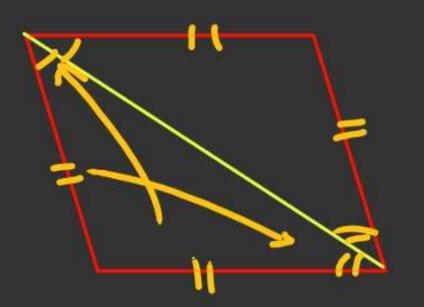
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1. Parallelogram AC\$BD ABIIDC AB = DC

QUADRILATERAL PROPERTIES 1) Opposite sides are equal 2) Opposite sides are parallel 3) Opposite angles are equal 4) Diagonals bisect to each other Parallelogram: A quadrilateral with each pair of opposite sides parallel. Rhombus: 1) All sides are equal A parallelogram 2) Opposite sides are parallel with sides of 3) Diagonals are perpendicular (equal length. tegaklurus) to each other 4) Opposite angles are equal 5 Diagonals are the angles bisector 6) Diagonals are line of symetry 1) All angles are right angle 2) Opposite sides are equal and parallel 3) Diagonals are equal and bisect to each 4\ It has 2 line of symmetry and 2 Rectangle: rotational symmetry A parallelogram with a right angle. 1) All sides are equal Square: A rectangle 2) All angles are right angle with sides of equal 3) Opposite sides are equal length. 4) Diagonals are equal and bisect to each other at 90° (perpendicular) 5) Diagonals are bisector angle 1) The diagonals are perpendicular to Kite: A quadrilateral each other with exactly two pairs 2) One of the diagonals bisects the other of equal consecutive 3) One pair of angles are equal sides 4) 2 pairs of consecutive sides of equal 5) It has two diagonal of different 1) One pair of parallel sides Trapezium: Trapezium is a quadrilateral with a pair of parallel sides

+ Rhomby ६ (शमच तुभुज): # 111 the sides wa equal. # Diagonal bisect each offher (A0=0C) # AC # BD # Diagonal bised at Right angle (90). LA=LC, LB=LD # LA+LB=180, LB+C=180, LC+LD=180

Diagonals are angle bisector.



उत्तर्पत (रिष्ट्पिणुष): QH = 3QBCIIAD # LA= LB= LC= LD=90 #AC=BD

40 = 0C, B0 = OD

TRAPEZIUM >

PHONE

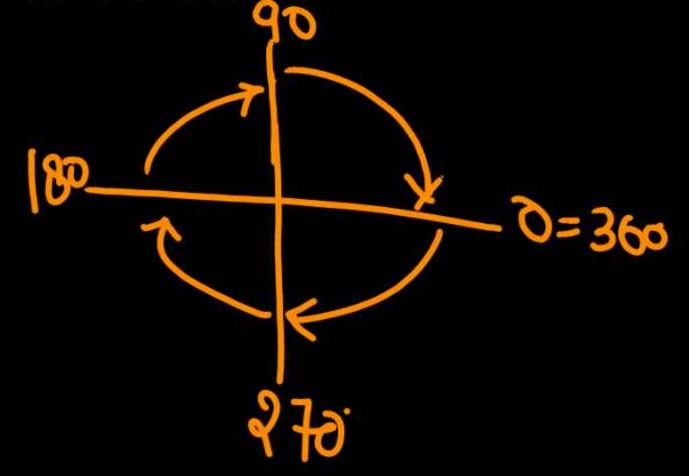
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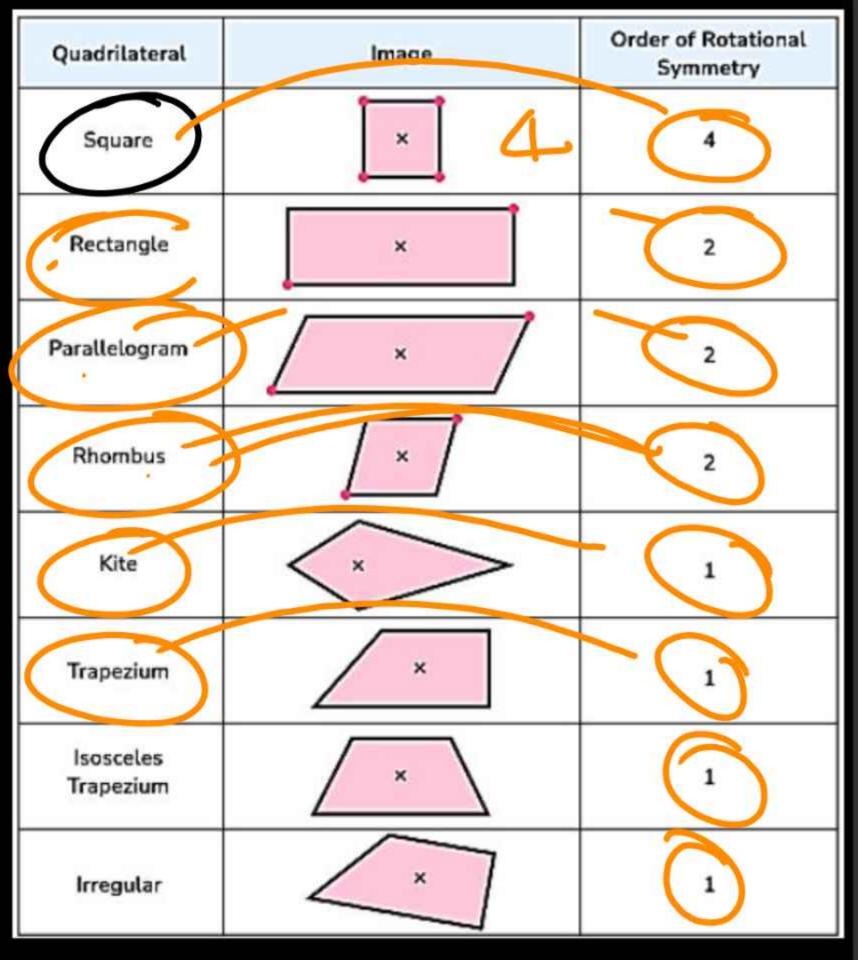
A

ABIICD

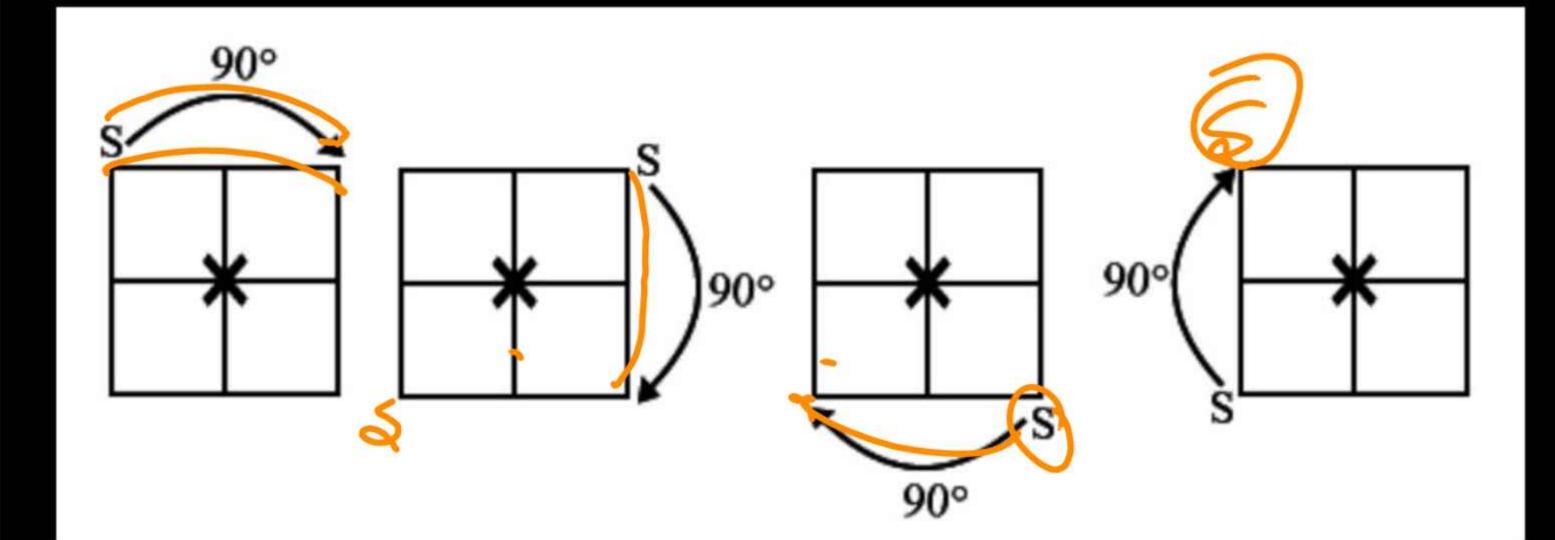
Quadrilaterals The Rotational Symmetry

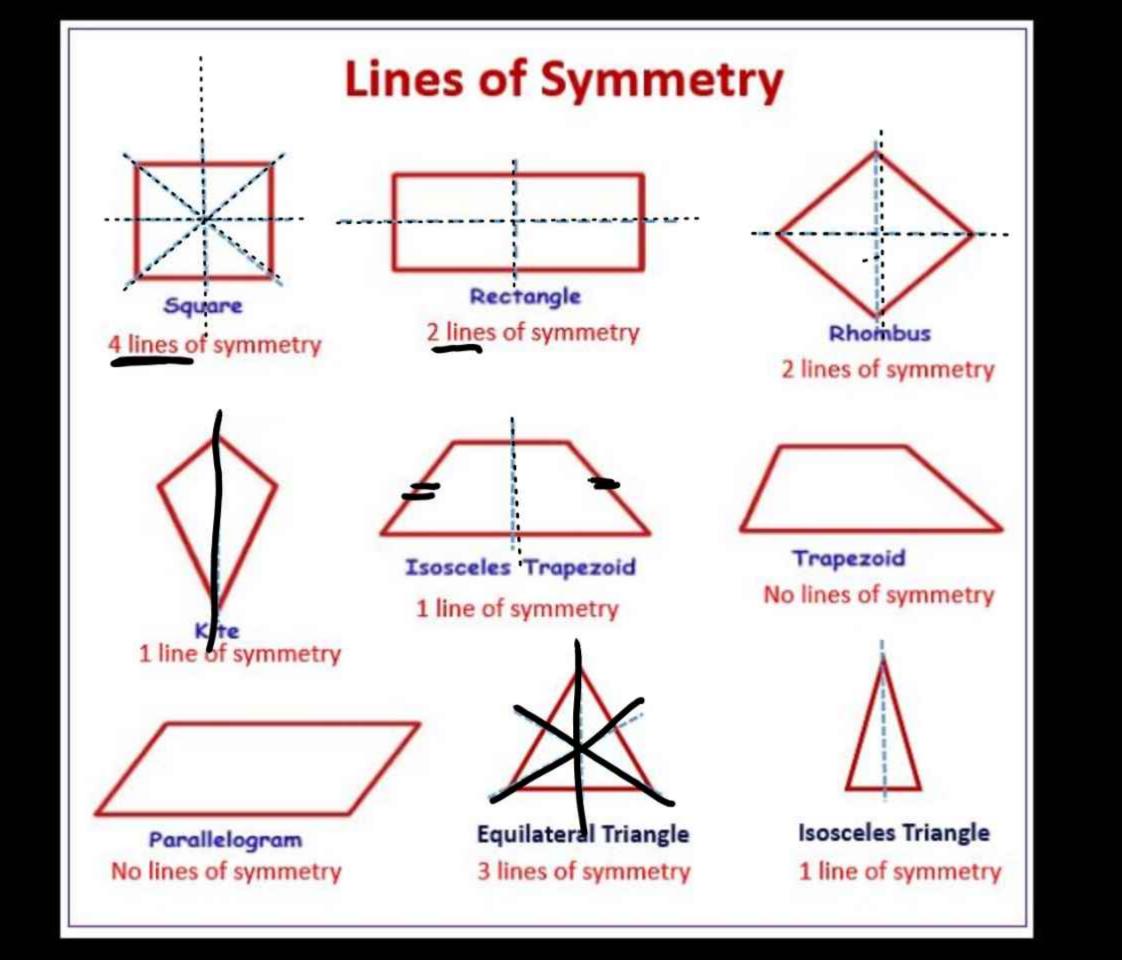
when an object is rotated on its own axis, the shape of the object looks the same





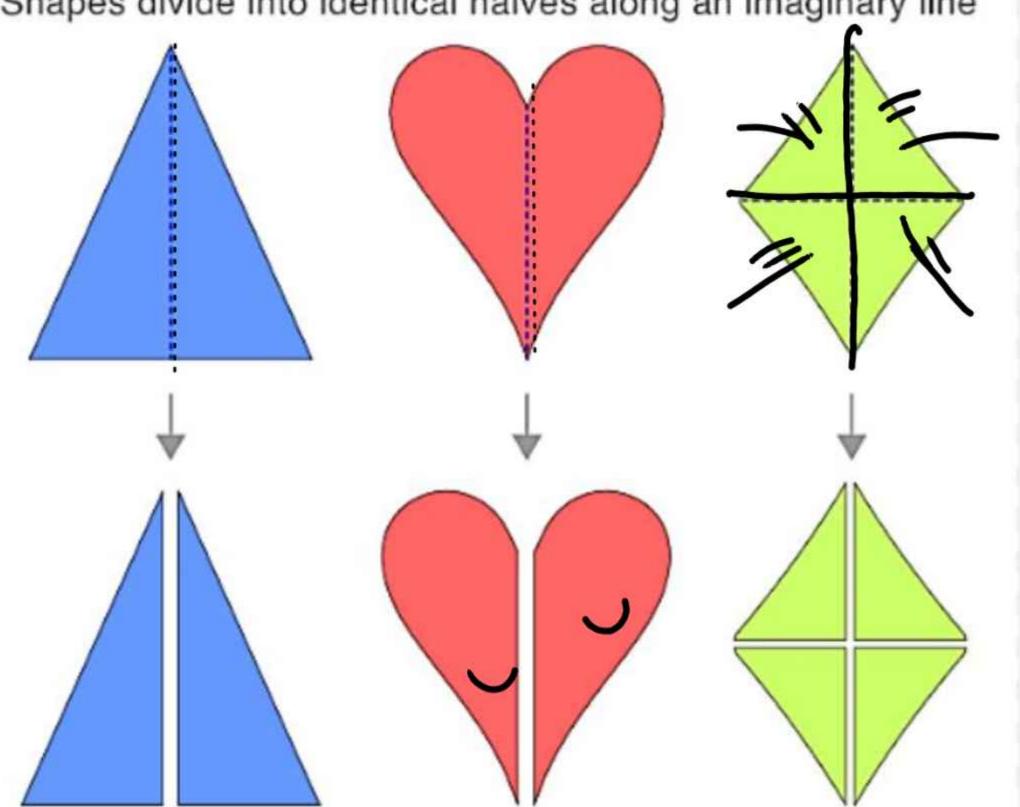




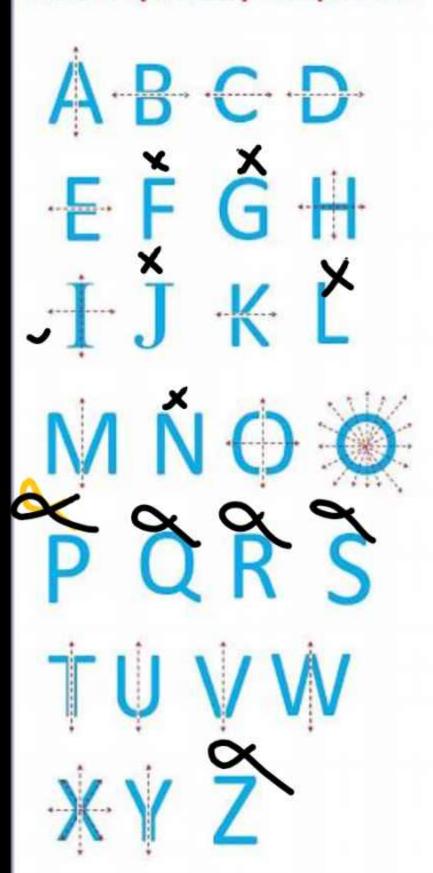


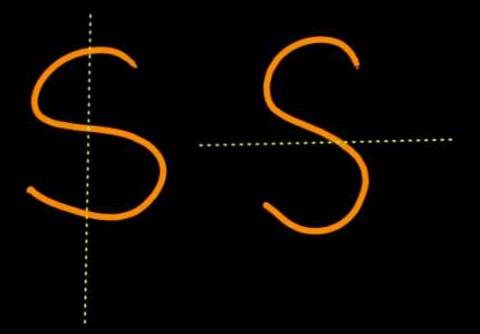
Symmetry

Shapes divide into identical halves along an imaginary line



Lines of symmetry in Alphabets







4 pm-6pm

Quadrilaterals

Line Symmetry / Reflection symmetry: Lines of symmetry are straight lines that divide a shape into two equal parts where one part is an exact reflection of the other (The line of the fold is the line of symmetry)