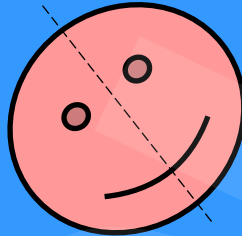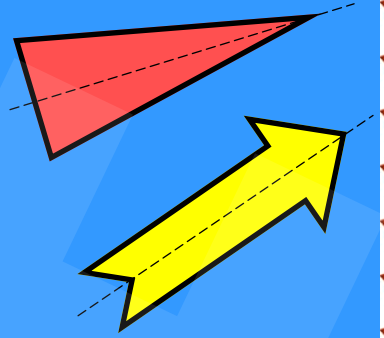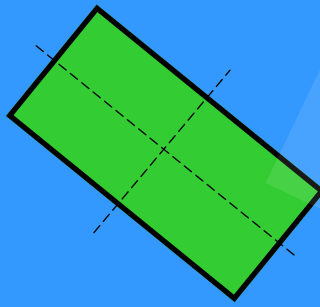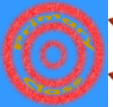# Symmetry Award

A polygon has reflective symmetry if one half is the mirror image of the other half.

Some polygons can have many lines of symmetry. This is called rotational symmetry.
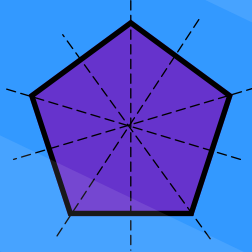
7 got his/her SEVENTH certificate!!!!

Symmetry Award

A shape has reflective symmetry if one half is the mirror image of the other half.

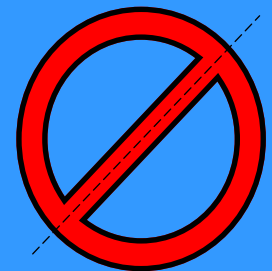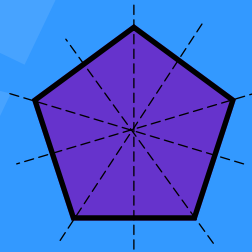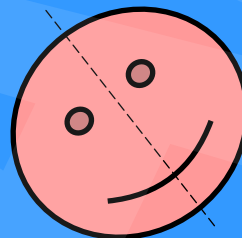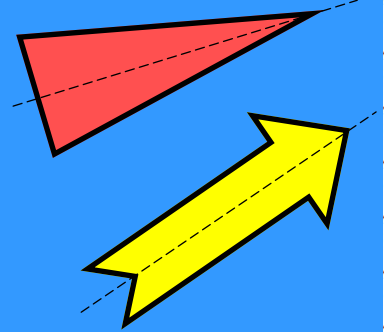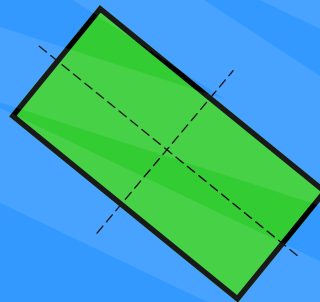Some shapes can have many lines of symmetry. This is called rotational symmetry.

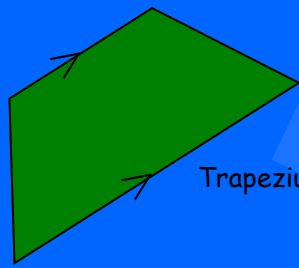**7** got his/her SEVENTH certificate!!!!
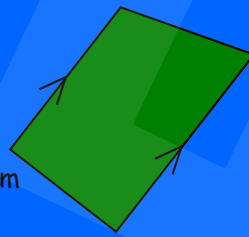
Quadrilateral Award

Quadrilaterals are polygons with 4 sides. There are many special quadrilaterals.

Rectangles have 4 right angles, opposite sides equal length and 2 pairs of parallel lines. A square has all this, but are regular.
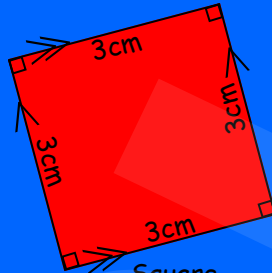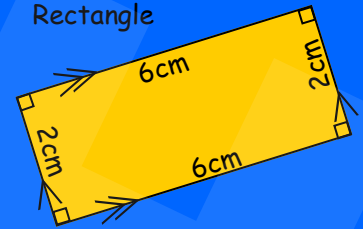
A trapezium has 1 pair of parallel lines, and parallelogram 2 pairs. A rhombus is a parallelogram that is regular.
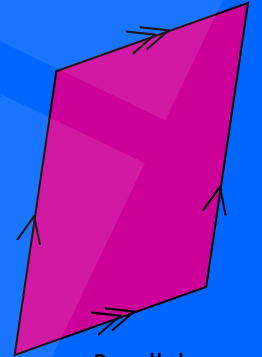
Trapezium

Rectangle
6cm
2cm
2cm
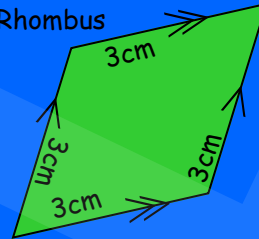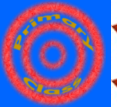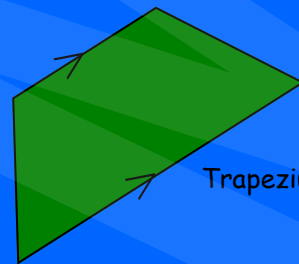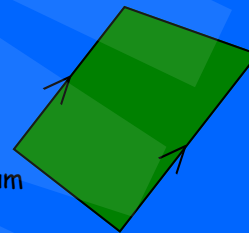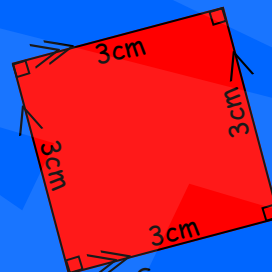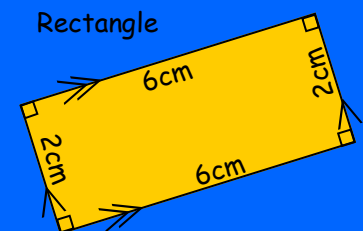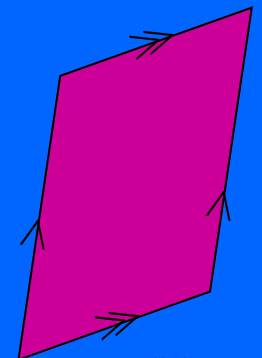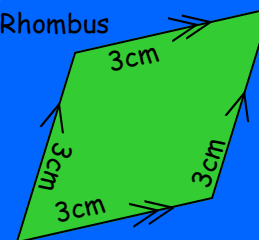6cm

Square
3cm
3cm
3cm
3cm

Rhombus
3cm
3cm
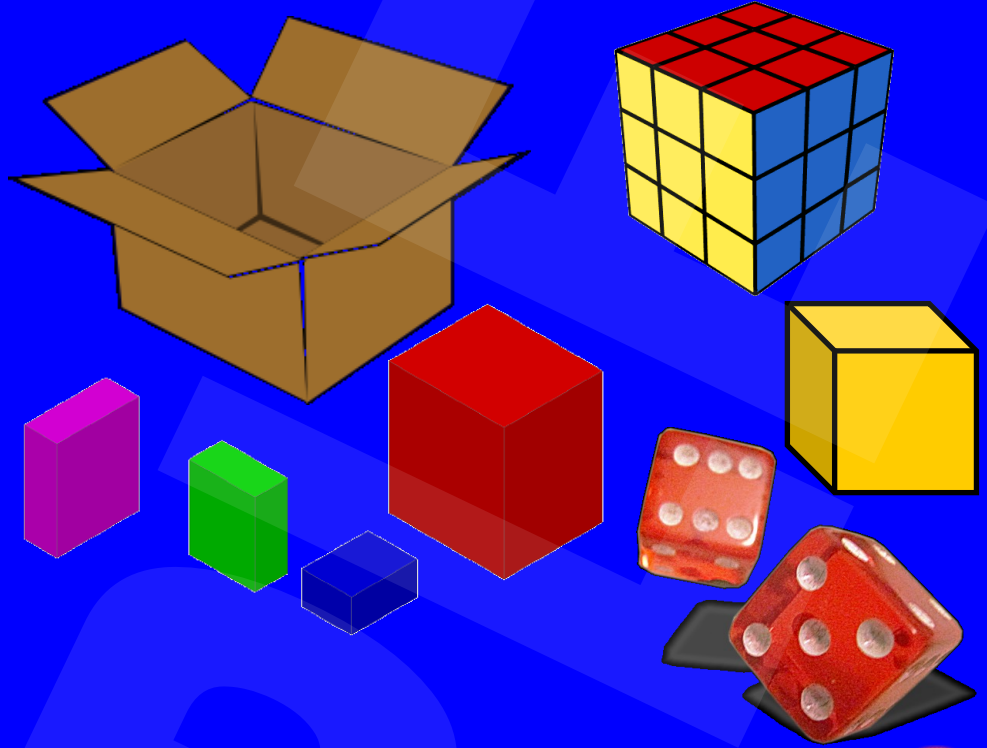3cm
3cm

Parallelogram

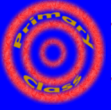**9** got his/her NINTH certificate!!!

Cuboid Award

Cuboids have 6 faces that are all rectangular. Therefore all the vertices are at right angles.

A cube is a special type of cuboid as each face is a square (which is a special type of rectangle).
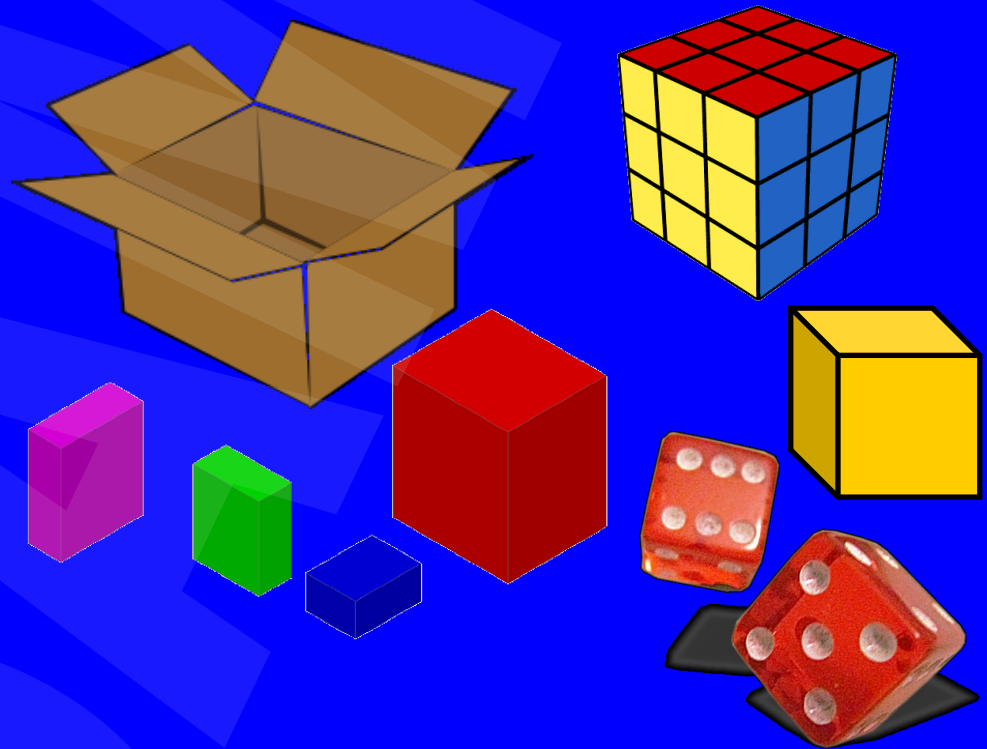
14 got his/her FOURTEENTH certificate!!!

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