

CONSTRUCT AND DISSECT SHAPES

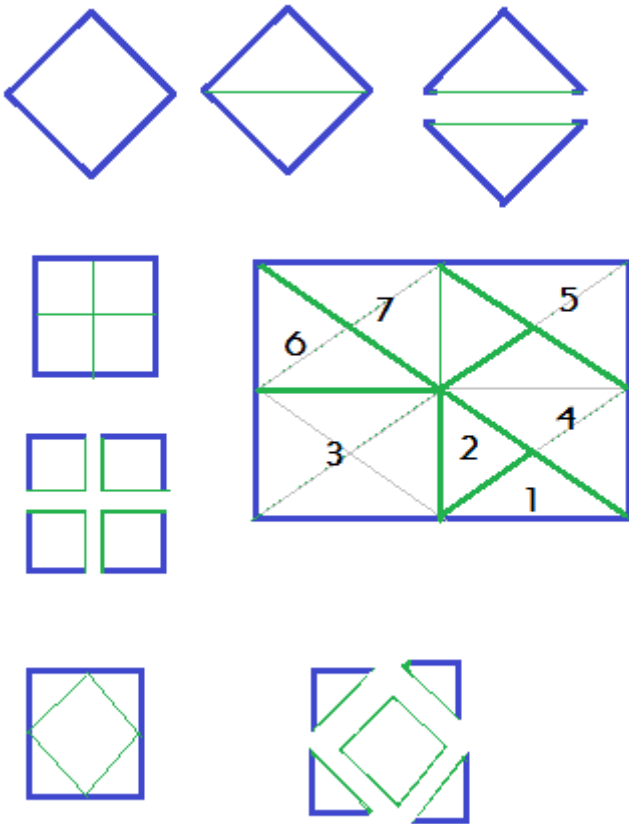
Explore how shapes fit together, form larger shapes, and observe how smaller shapes can be made.

Activity

Create your own mosaic puzzle.

You will need scissors, a big piece of cardboard, picture, glue, pen or pencil.

The cardboard should be big enough to hold the pictures. Glue the picture onto the cardboard. Cut into squares, rectangles and triangles.



By now you should observe a number of things about shapes.

Consolidation

1. QUESTION

Which shape is concave?



2. QUESTION

True or False. Select one.

If it has four sides of equal length, it is a square, then it is a regular quadrilateral.

☐

True

☐

False

If it is a square, then it is a rectangle a rectangle with equal sides.

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True

☐

False

If it is a square, then it cannot be a rhombus.

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True

☐

False

If it is a rectangle, it is a quadrilateral with five right angles.

☐

True

☐

False

If it is a parallelogram, it has congruent diagonals.

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True

☐

False

If it is a parallelogram, it does not have to have lines of symmetry, it just has to be a quadrilateral.

☐

True

☐

False