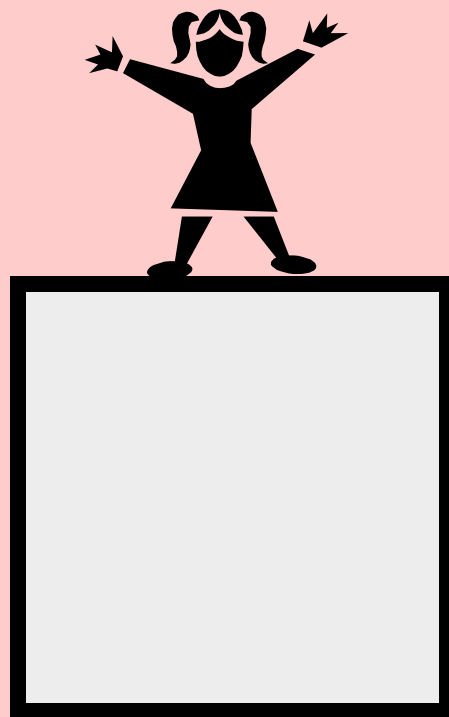


Mathematics Posters - 2D Shapes



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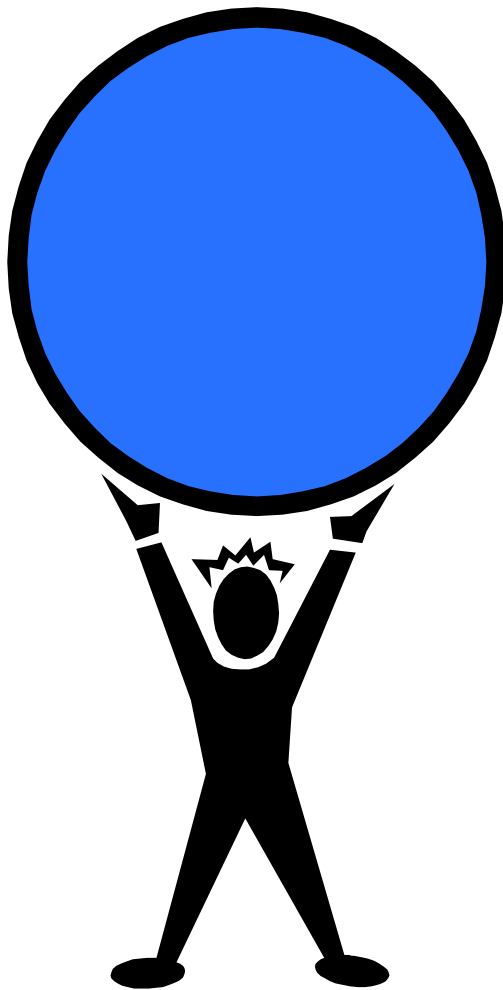
square



A **square** is a flat shape with four equal sides and four equal angles, all of which are 90 degrees. A **square** has four lines of symmetry.



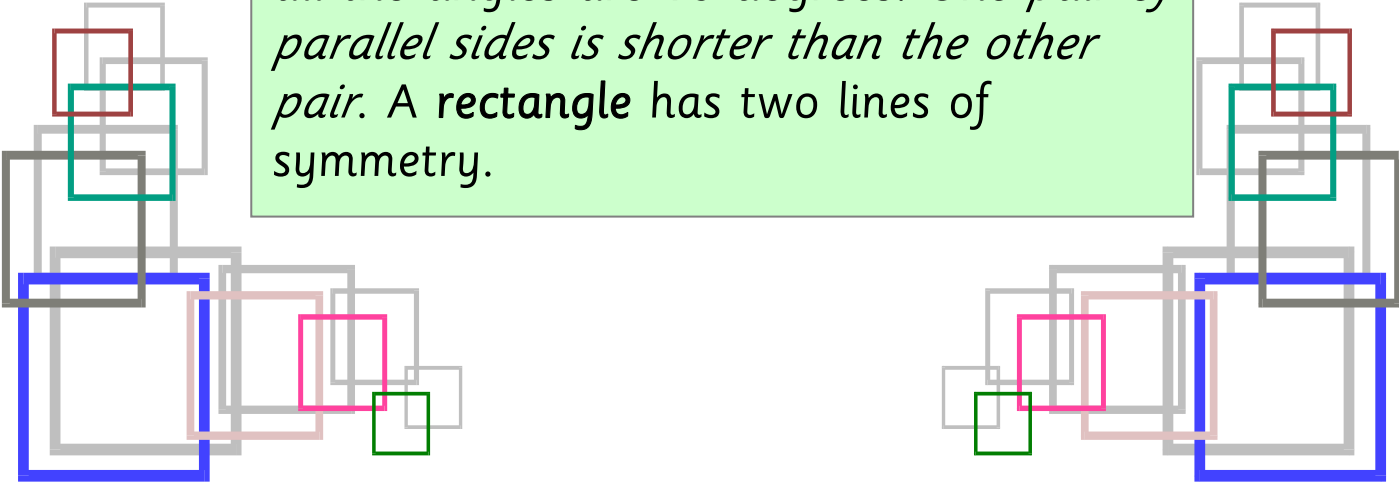
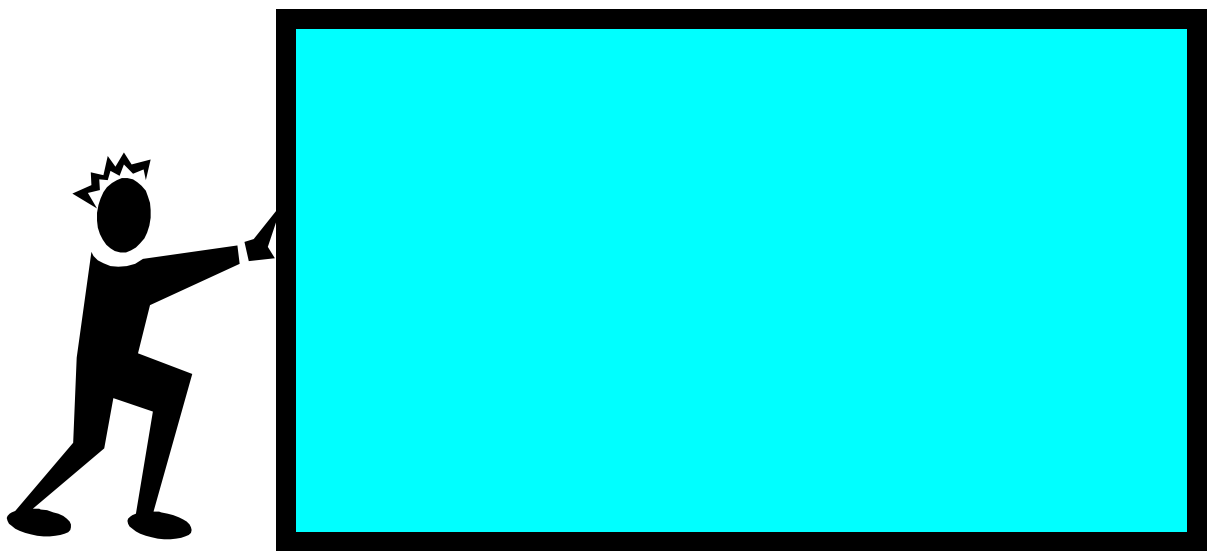
circle



A **circle** is a round, flat shape like the letter 'O'. A **circle** has many lines of symmetry.

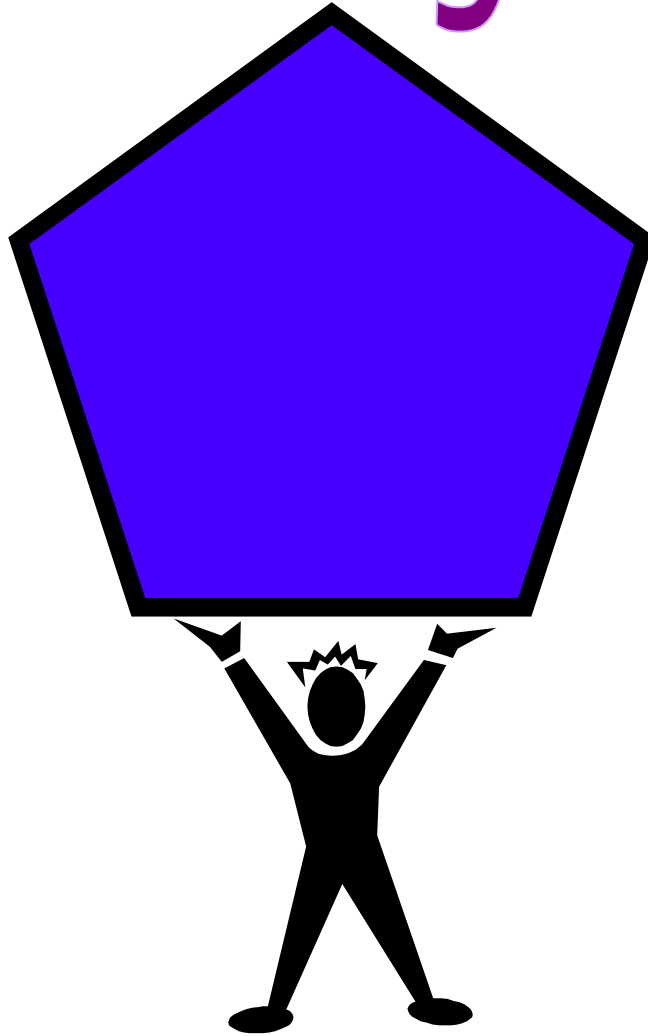


rectangle



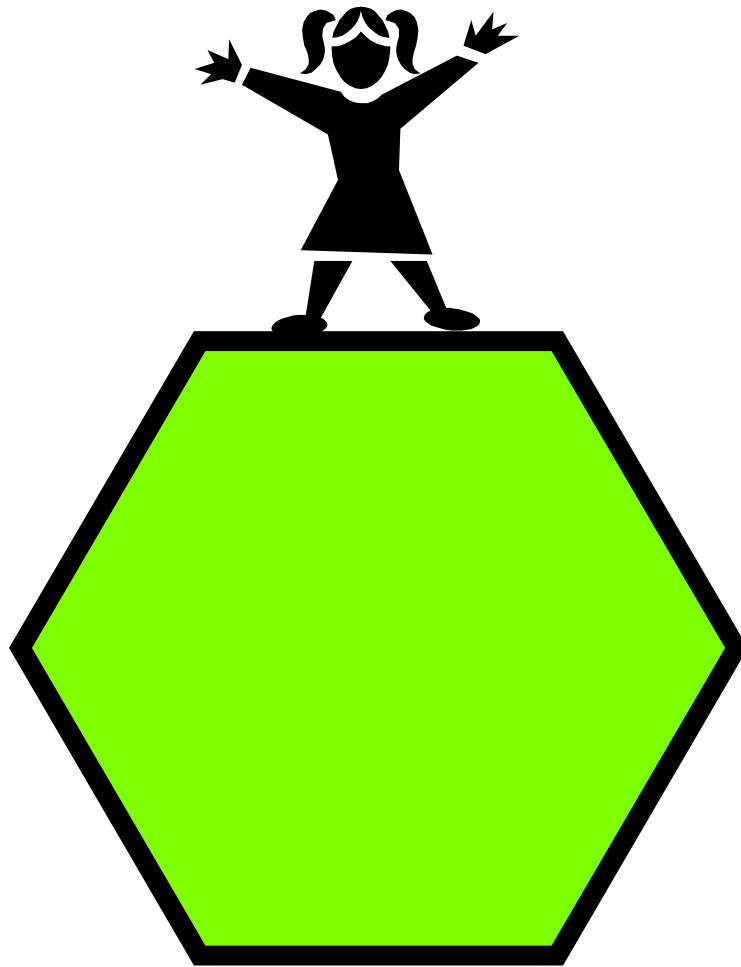
A rectangle is a four-sided shape where all the angles are 90 degrees. *One pair of parallel sides is shorter than the other pair.* A rectangle has two lines of symmetry.

pentagon



Pentagons are flat shapes with five straight sides. In a regular pentagon all the sides are equal and all the angles are equal.

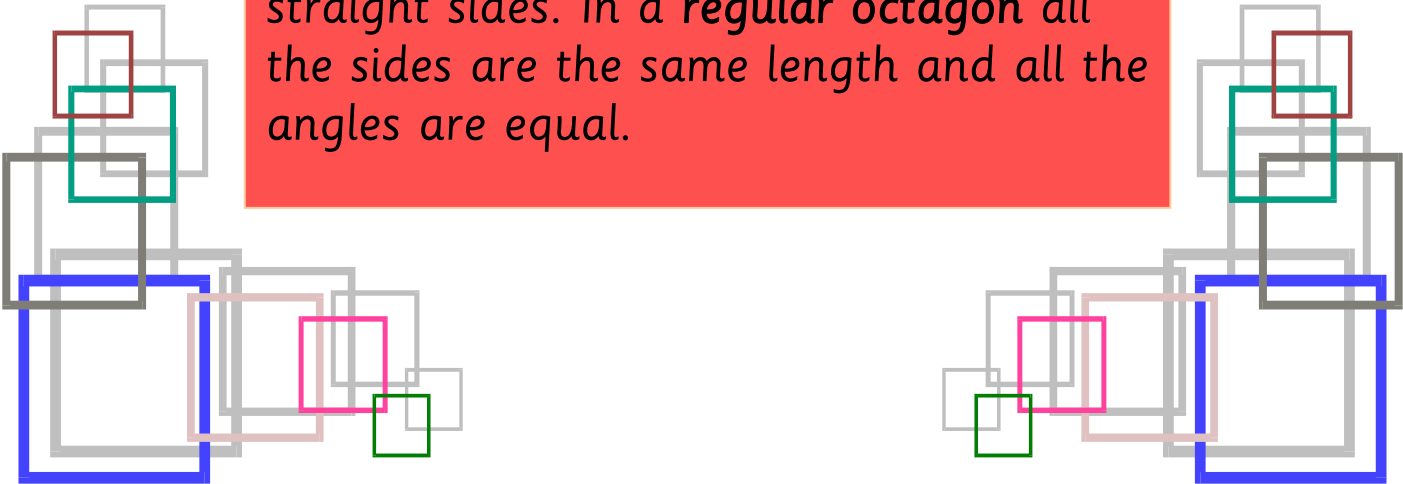
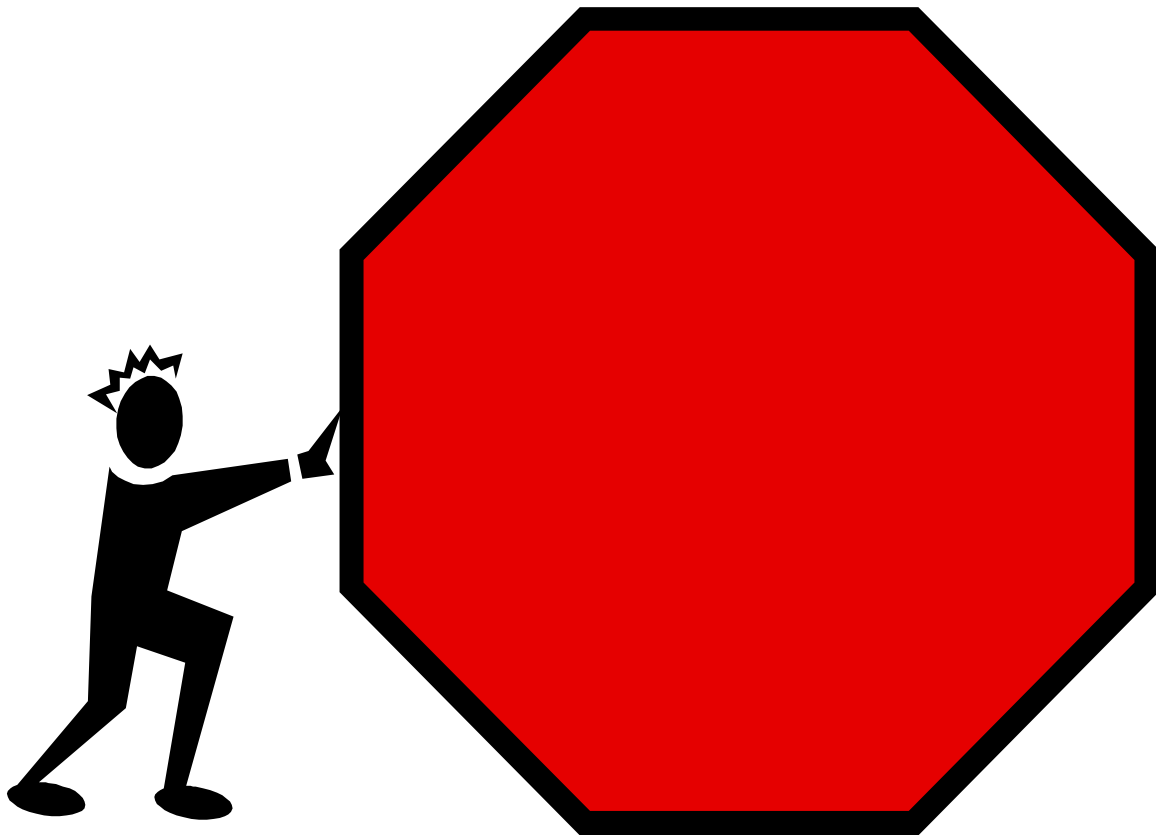
hexagon



Hexagons are flat shapes with six straight sides. In a regular hexagon all the sides are the same length and all the angles are equal.

A decorative border at the top of the page consisting of several overlapping squares in various colors: blue, green, pink, brown, and grey. The word "octagon" is written in a large, red, rounded font in the center of this border.

octagon

A decorative border at the bottom of the page, identical to the one at the top, featuring overlapping squares in blue, green, pink, brown, and grey.

Octagons are flat shapes with eight straight sides. In a **regular octagon** all the sides are the same length and all the angles are equal.

triangle



A **triangle** is any flat shape with three sides.

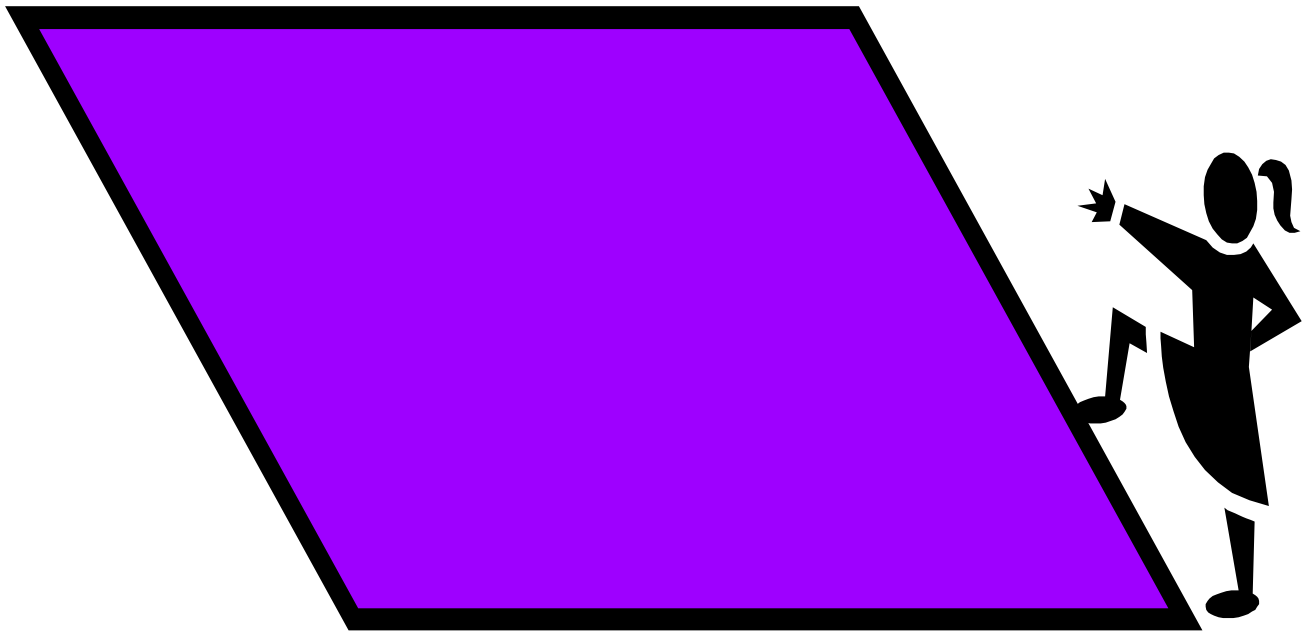
In an **equilateral triangle** all the sides are the same length and all the angles are 60 degrees. This triangle has 3 lines of symmetry.

In a **scalene triangle** none of the sides are the same length and none of the angles are the same. This triangle has no lines of symmetry.

An **isosceles triangle** has two sides that are the same length and two angles that are the same. It has one line of symmetry.



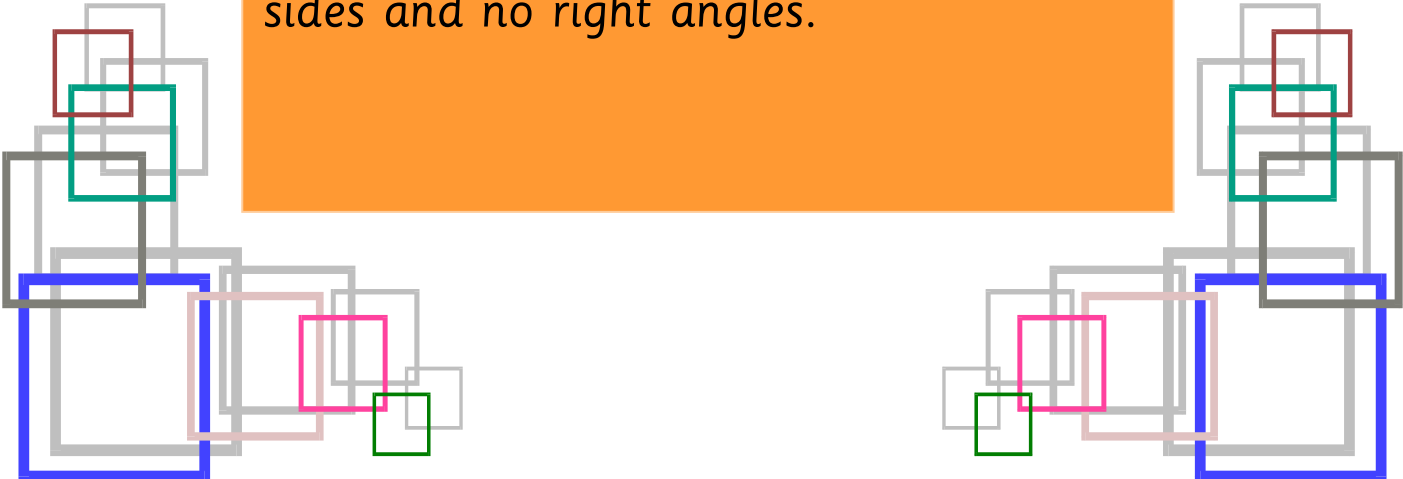
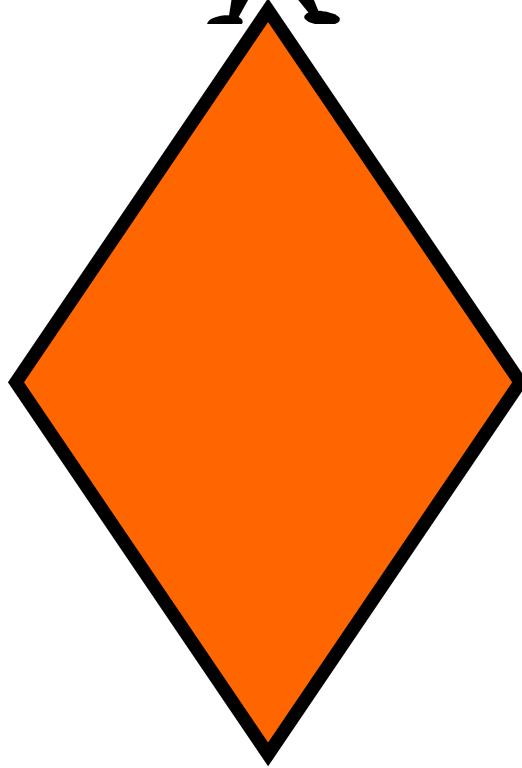
parallelogram



A **parallelogram** is a four-sided shape where the opposite sides are parallel and the same length. One pair of parallel sides is shorter than the other pair. A **parallelogram** has no lines of symmetry.

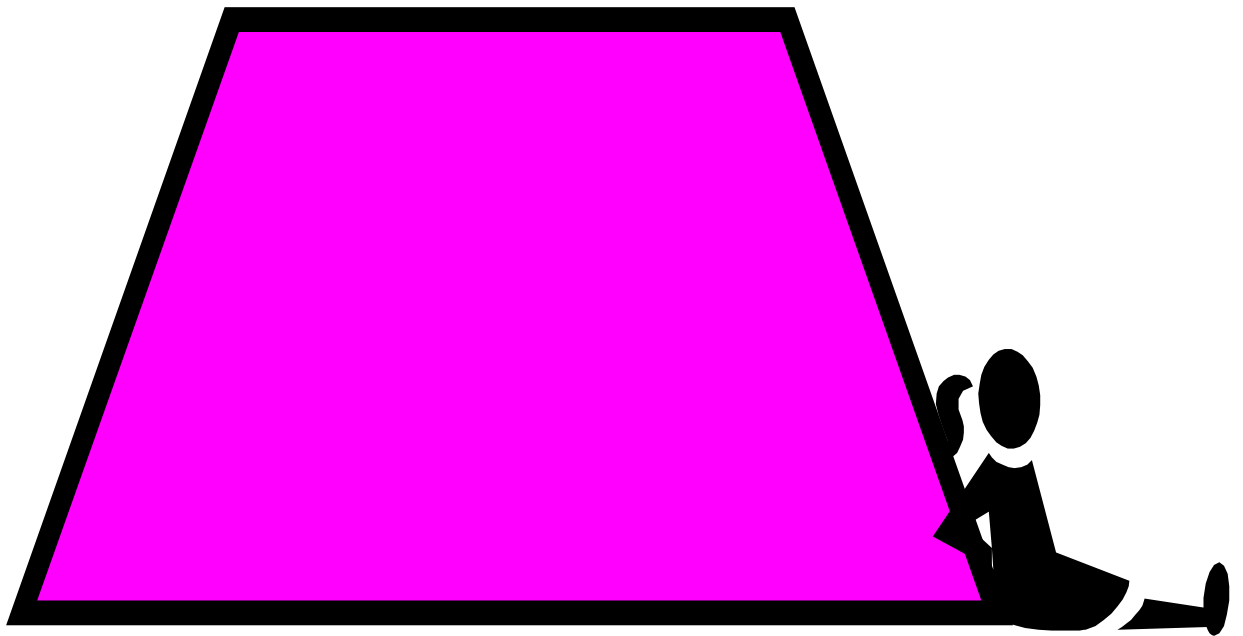
A cluster of overlapping squares in various colors (blue, green, pink, grey) arranged in a diamond-like pattern at the top of the page.

diamond

A cluster of overlapping squares in various colors (red, green, blue, pink, grey) arranged in a diamond-like pattern at the bottom of the page.

Diamonds are flat shapes with four equal sides and no right angles.

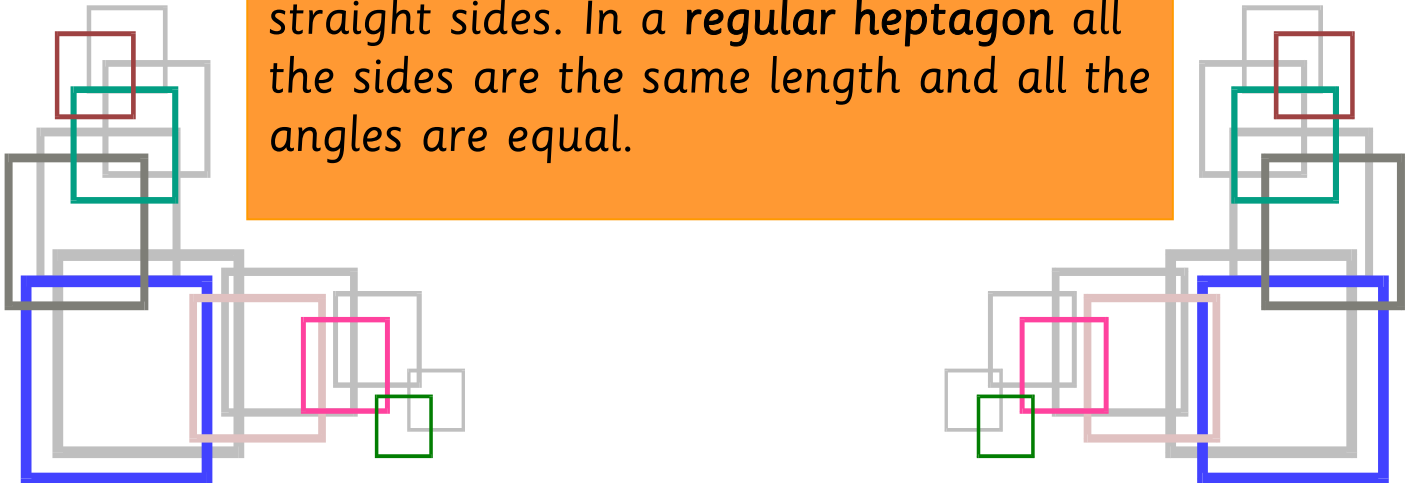
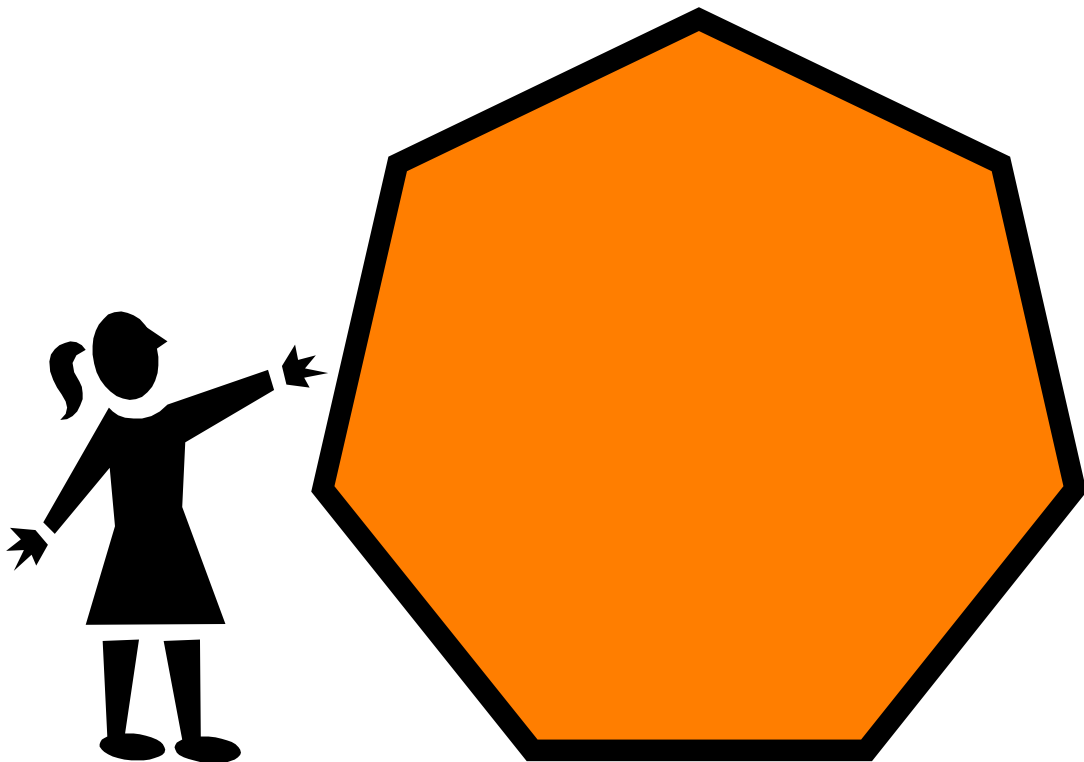
trapezium



A trapezium is a flat, four sided shape with one pair of parallel sides. A trapezium has one line of symmetry.

A decorative border at the top of the page consisting of several overlapping squares in various colors: blue, green, pink, teal, and grey. The word "heptagon" is written in a large, orange, lowercase font in the center of this border.

heptagon

A decorative border at the bottom of the page, identical to the one at the top, featuring overlapping squares in blue, green, pink, teal, and grey.

Heptagons are flat shapes with seven straight sides. In a regular heptagon all the sides are the same length and all the angles are equal.