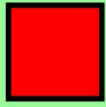


LO: triangles

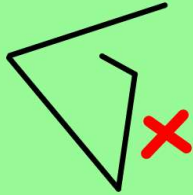
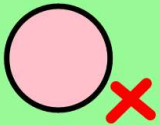
Teach



polygon

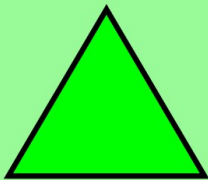


A closed shape which has three or more straight sides.



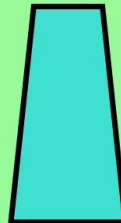
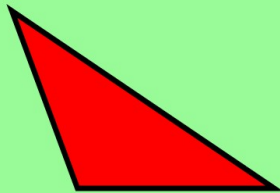
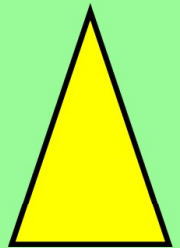
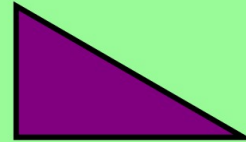
LO: triangles

Teach



triangle

A triangle is a polygon.
It has three straight sides.
It has three angles.

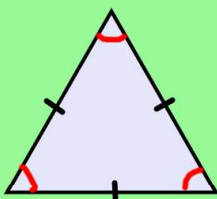


Which one isn't a triangle?

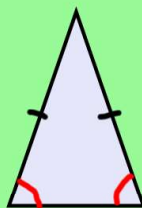
LO: triangles

Teach

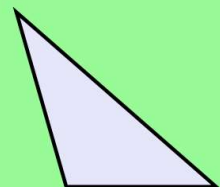
types of triangles



equilateral triangle
all sides are equal
all angles are equal





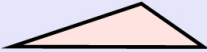
isosceles triangle
two sides are equal
two angles are equal



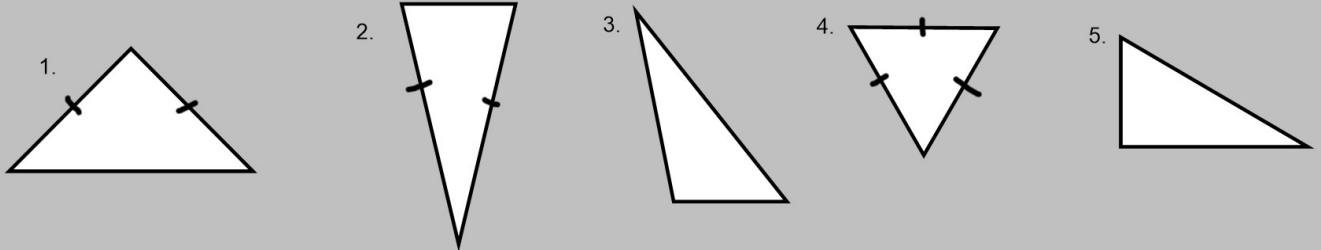
scalene triangle
no sides are equal
no angles are equal

LO: triangles

Identify the type of triangle.

| | | |
|---|---|---|
|  |  |  |
| equilateral triangle all sides are equal all angles are equal | isosceles triangle two sides are equal two angles are equal | scalene triangle no sides are equal no angles are equal |

Activity






LO: triangles

Draw some triangles.

Make sure you draw at least one of each type of triangle.

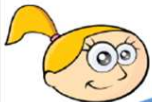
Use a ruler!

| | | |
|---|---|---|
|  |  |  |
| equilateral triangle all sides are equal all angles are equal | isosceles triangle two sides are equal two angles are equal | scalene triangle no sides are equal no angles are equal |

Activity

Challenge

An isosceles triangle has a perimeter of 12 cm.
One of its sides is 5 cm.
What could the length of each of the other two sides be?
Two different answers are possible.
Give **both** answers.



Eva

If I use 6 straws to make a triangle, I can only make an equilateral triangle.

Investigate whether Eva is correct.

Here is a square.
Inside the square is an equilateral triangle.
The perimeter of the square is 60 cm.
Find the perimeter of the triangle.

