Language

Latin
- tri = three
- angulus = angels

Word starting with tri-
- triad
- triangle drama
- triangular
- triathlon
- trigonometry
- triplet
- trilogy
- trio
- triple
- triple collision
- triple alliance
- triptych
- ...

Perimeter
Add the lengths of the three sides

A triangle is a half quadrilateral

Area
$$\frac{\text{Length} \times \text{height}}{2}$$

Calculations

Shapes

Acute-angled triangle
All angles are less than 90°

Obtuse-angled triangle
One angle is larger than 90°

Right-angled triangle
One angle is 90°

Equilateral triangle
All sides are equal

Isosceles triangle
Two sides are equal

Scalene triangle
All the three sides are different

Triangles

Definition
A polygon with three corners or vertices and three sides or edges which are line segments

Extra
- The sum of the angles are 180°
- Phytagorean theorem
- ...