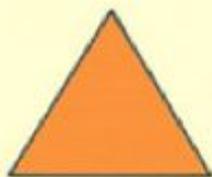


Regular polygons



Triangle



Quadrilateral



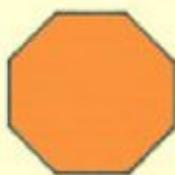
Pentagon



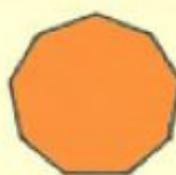
Hexagon



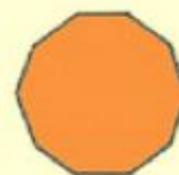
Heptagon



Octagon



Nonagon



Decagon

File Edit View Insert Format Draw Help

Mr Jeffery Maths

Angles in Parallel Lines

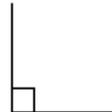
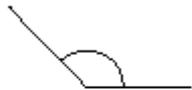
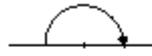
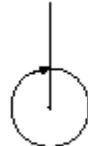
Bottom right

Corresponding angles are the same

Alternate angles are the same

Opposite angles are the same

Angles on a straight line sum to 180°

<i>Acute angle</i> less than 90°	<i>Right angle</i> $= 90^\circ$	<i>Obtuse angle</i> between 90° and 180°	<i>Straight line</i> $= 180^\circ$	<i>Reflex angle</i> greater than 180°	<i>Complete turn</i> $= 360^\circ$
					

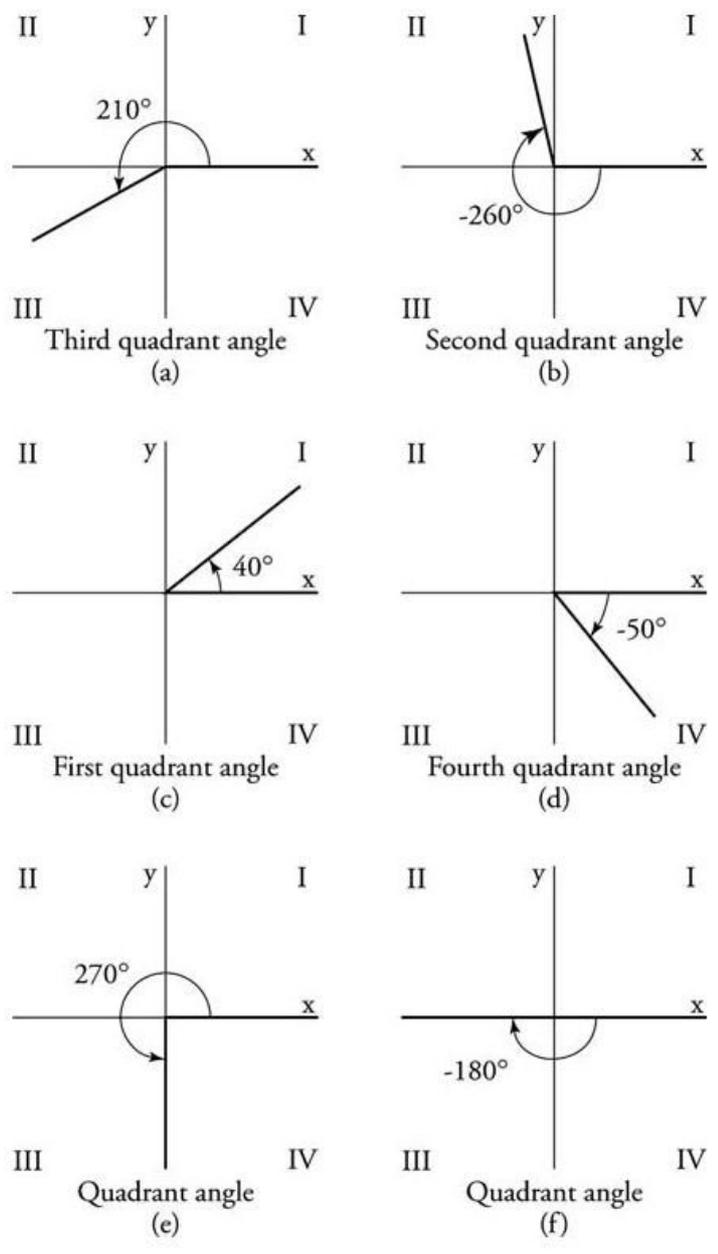
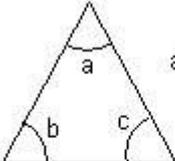
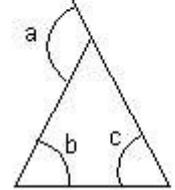
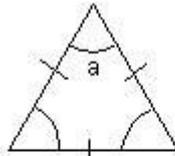
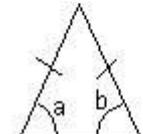


Figure 2 Types of angles.

<p>Interior Angles of a Triangle.</p> <p>The sum of the interior angles of a triangle is 180°.</p>	 <p>$a + b + c = 180^\circ$</p>
<p>Exterior Angles of a Triangle.</p> <p>The exterior angle of a triangle is equal to the sum of the 2 interior opposite angles. The exterior angle is obtained by extending one side of the triangle.</p>	 <p>$a = b + c$</p>
<p>Equilateral Triangles.</p> <p>An equilateral triangle has all sides equal in length and all angles equal to 60°.</p>	 <p>$a = 60^\circ$</p>
<p>Isosceles Triangles.</p> <p>An isosceles triangle has 2 sides of equal length. The base angles are equal.</p>	 <p>$a = b$</p>

