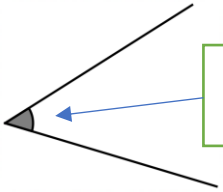
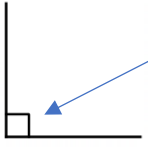
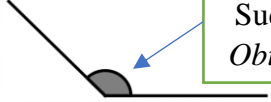

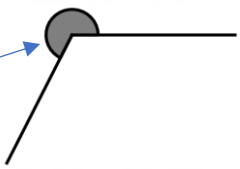



07. Garis, Sudut dan Lokus *Lines, Angles and Loci*

Tingkatan Satu Bab 8 : Garis dan Sudut / *Lines and Angles*
 Tingkatan Tiga Bab 8 : Lokus dalam Dua Dimensi / *Loci in Two Dimensions*

GARIS DAN SUDUT *LINES AND ANGLES*

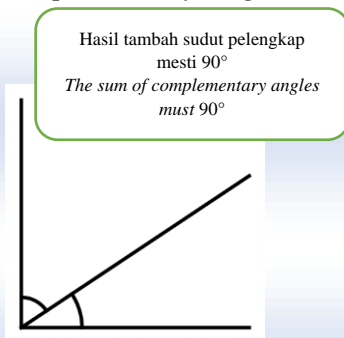
Sudut Tirus, Sudut Cakah dan Sudut Refleks
Acute Angle, Obtuse Angle and Reflex Angle

 <div data-bbox="560 1025 770 1126" style="border: 1px solid green; padding: 5px; display: inline-block;"> Sudut tirus <i>Acute angle</i> </div>	Sudut yang saiznya kurang daripada 90° <i>The size of the angle is less than 90°</i>
 <div data-bbox="507 1216 716 1317" style="border: 1px solid green; padding: 5px; display: inline-block;"> Sudut tegak <i>Right angle</i> </div>	Sudut yang saiznya tepat 90° <i>The size of the angle is exactly 90°</i>
 <div data-bbox="560 1373 783 1473" style="border: 1px solid green; padding: 5px; display: inline-block;"> Sudut cakah <i>Obtuse angle</i> </div>	Sudut yang saiznya antara 90° dengan 180° <i>The size of the angle is between 90° and 180°</i>
 <div data-bbox="368 1630 751 1765" style="border: 1px solid green; padding: 5px; display: inline-block;"> Sudut pada satu garis lurus <i>Angle on a straight line</i> </div>	Sudut yang saiznya tepat 180° <i>The size of the angle is exactly 180°</i>
 <div data-bbox="352 1787 504 1966" style="border: 1px solid green; padding: 5px; display: inline-block;"> Sudut refleks <i>Reflex angle</i> </div>	Sudut yang saiznya antara 180° dengan 360° <i>The size of the angle is between 180° and 360°</i>

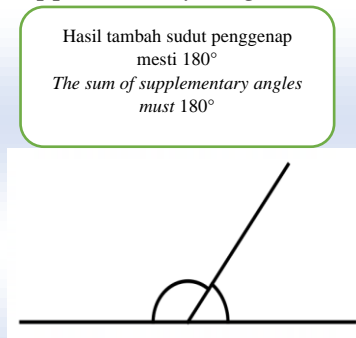
<p>Sudut bagi satu putaran lengkap <i>Angle of one whole turn</i></p> 	<p>Sudut yang saiznya tepat 360° <i>The size of the angle is exactly 360°</i></p>
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Sudut Pelengkap, Sudut Penggenap dan Sudut Konjugat *Complementary Angles, Supplementary Angles and Conjugate Angles*

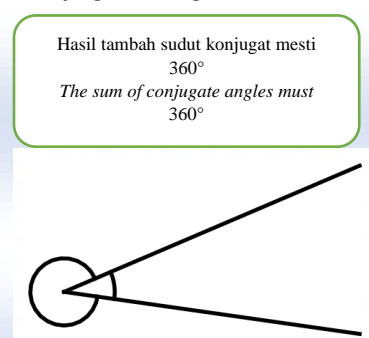
Sudut Pelengkap 90° *Complementary Angles 90°*



Sudut Penggenap 180° *Supplementary Angles 180°*

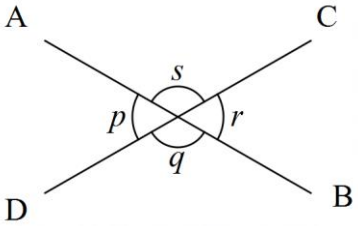


Sudut Konjugat 360° *Conjugate Angles 360°*

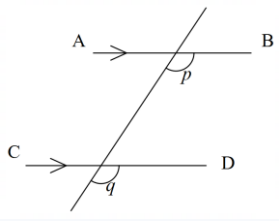
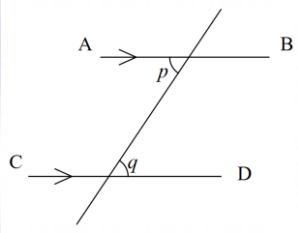
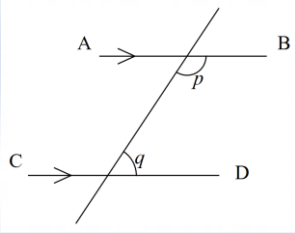


Sudut yang Berkaitan dengan Garis Bersilang dan Garis Selari *Angles related to Intersecting Lines and Parallel Lines*

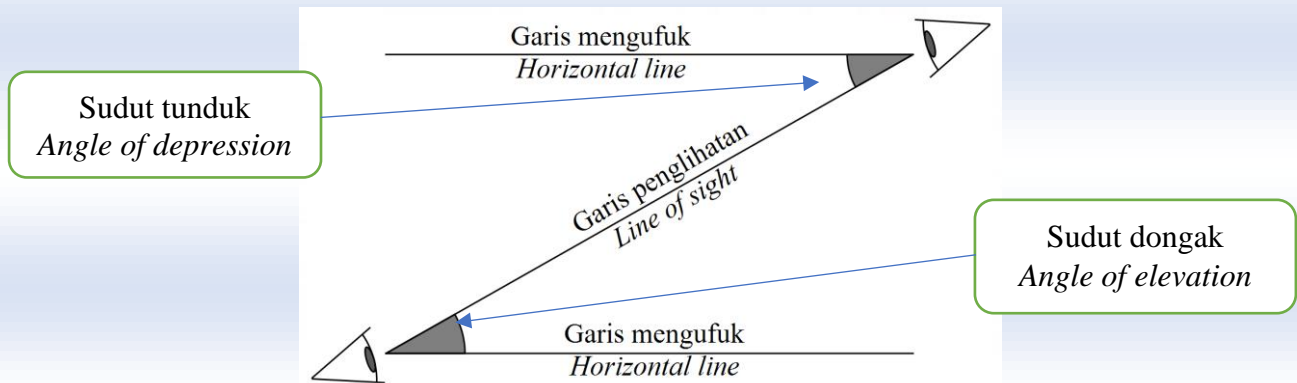
Garis AB dan CD ialah garis lurus. Maka,
Lines AB and CD are straight lines. Hence,

	$p = r$	$s = q$
	$p + q = 180^\circ$	$p + s = 180^\circ$
	$s + r = 180^\circ$	$r + q = 180^\circ$

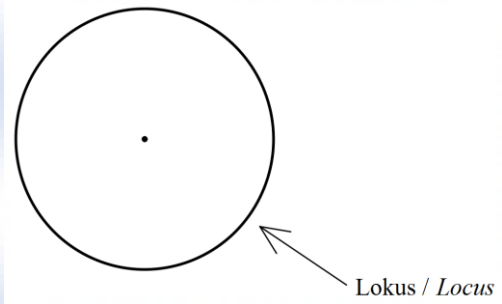
Garis AB dan CD adalah selari. Maka,
Lines AB and CD are parallel lines. Hence,

 <p>$p = q$</p>	 <p>$p = q$</p>	 <p>$p + q = 180^\circ$</p>
<p>Sudut sepadan <i>Corresponding angles</i></p>	<p>Sudut selang seli <i>Alternate angles</i></p>	<p>Sudut pedalaman <i>Interior angles</i></p>

Sudut Dongak dan Sudut Tunduk
Angle of Elevation and Angle of depression



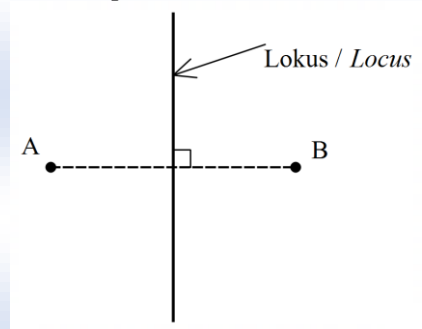
LOKUS DALAM DUA DIMENSI LOCI IN TWO DIMENSIONS

<p>Satu set titik yang kedudukannya memenuhi syarat tertentu. <i>A set of points whose locations satisfy certain conditions.</i></p>	
<p>Lokus bagi titik yang berjarak tetap dari satu titik tetap. <i>The locus of points that are of constant distance from a fixed point.</i></p>	<p>Bulatan <i>Circle</i></p>  <p>Lokus / Locus</p>

Lokus bagi titik yang berjarak sama dari dua titik tetap.

The locus of points that are equidistant from two fixed points.

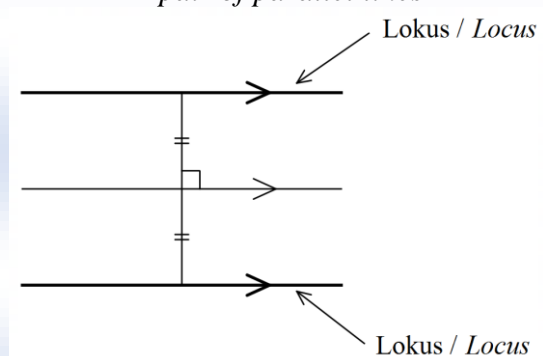
Pembahagi dua sama serenjang
Perpendicular bisector



Lokus bagi titik yang berjarak tetap dari satu garis lurus.

The locus of points that are of constant distance from a straight line.

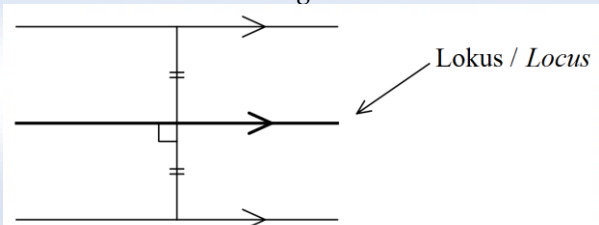
Sepasang garis lurus selari
A pair of parallel lines



Lokus bagi titik yang berjarak sama dari dua garis lurus yang selari.

The locus of points that are equidistant from two parallel lines.

Satu garis lurus
A straight line

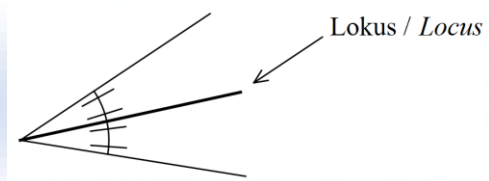


Lokus yang titik berjarak sama dari dua garis lurus yang bersilang.

The locus of points that are equidistant from two intersecting lines.

Pembahagi dua sama sudut
Angle bisector

(a)



(b)

