

CIKGU HARNISH



Pusat Tuisyen Skor Impian



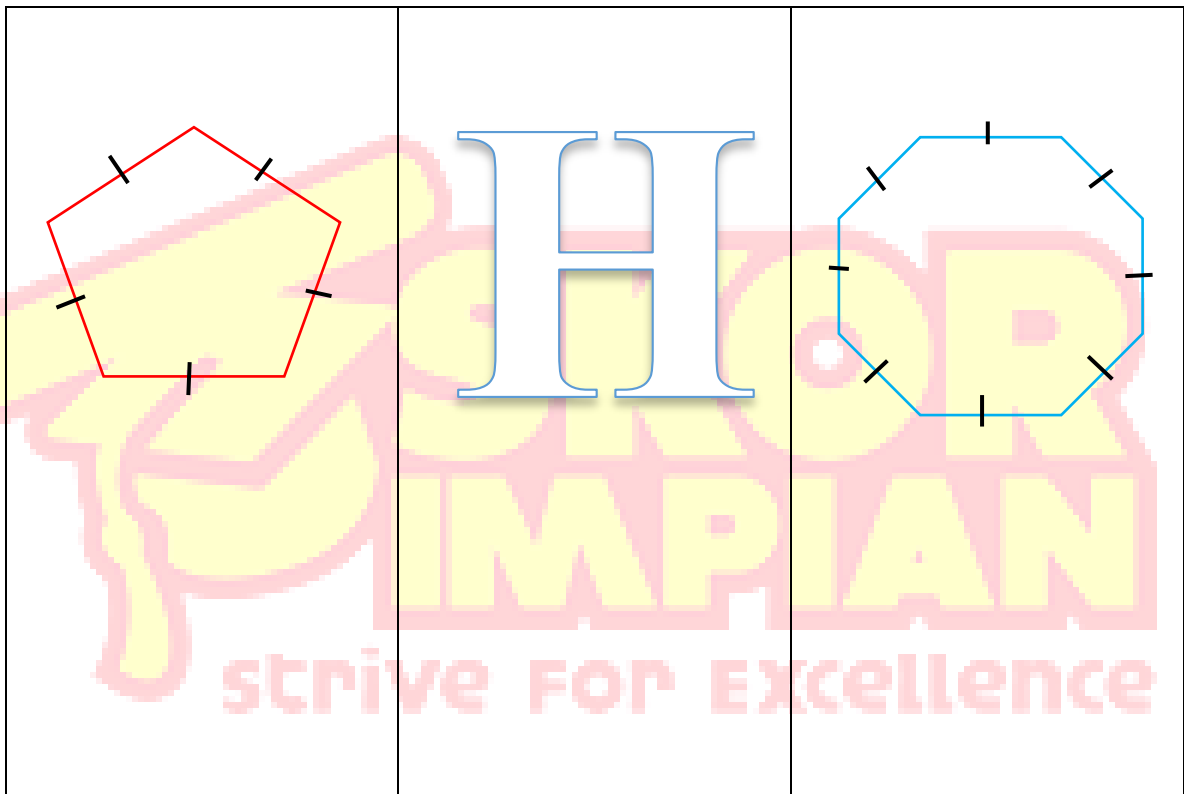
CIKGU HARNISH

Bab 4: Poligon

Chapter 4: Polygon

4.1 Poligon sekata/Regular polygon

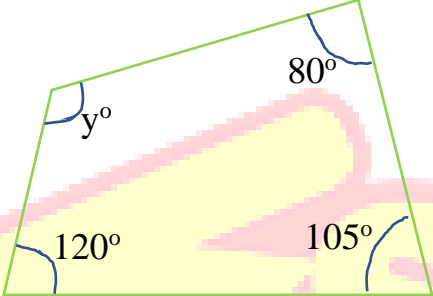
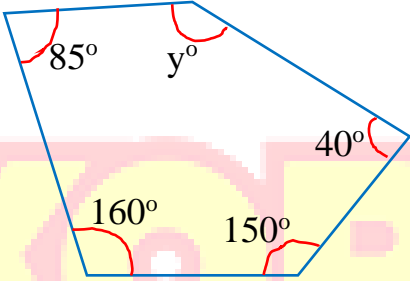
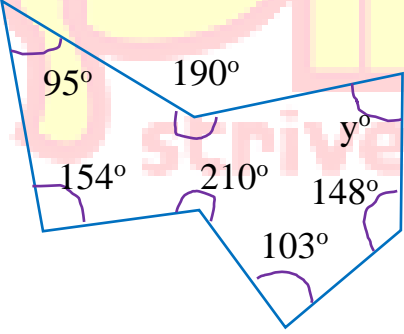
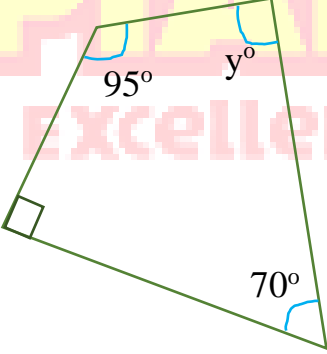
- 1- Nyatakan sama ada poligon berikut adalah sekata atau bukan dan lukis paksi simetri dan nyatakan bilangan paksi simetri.
State whether the following polygon are regular or not and draw axes of symmetry and state the number of axes of symmetry.



4.2 Sudut peluaran & pedalaman / Interior and exterior angle

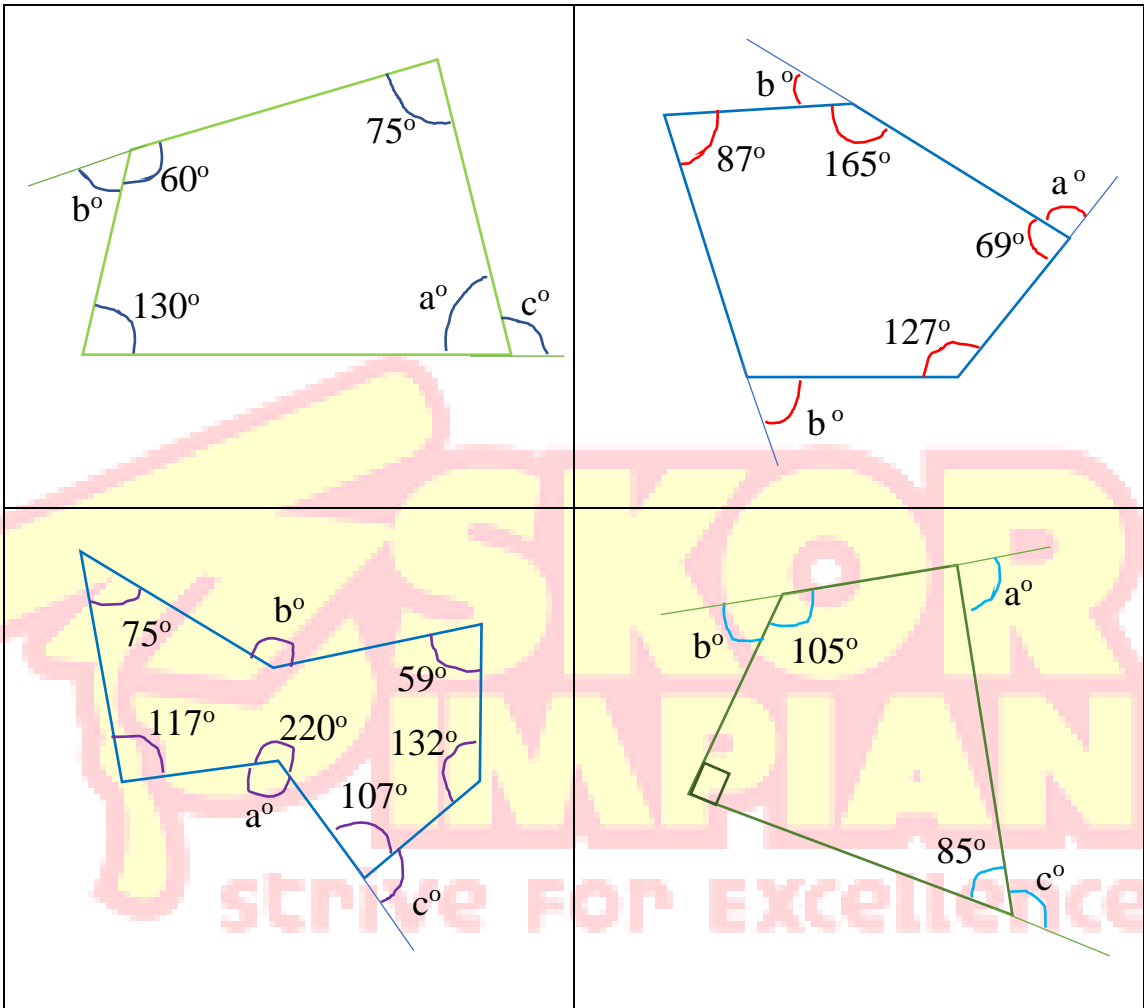
2- Hitung nilai y bagi poligon berikut

Calculate the value of y for the following polygon

 <p>A quadrilateral with interior angles 120°, 105°, 80°, and y°.</p>	 <p>A pentagon with interior angles 85°, 160°, 150°, 40°, and y°.</p>
 <p>A complex polygon with interior angles 95°, 154°, 103°, 148°, 210°, 190°, and y°.</p>	 <p>A pentagon with interior angles 95°, 70°, y°, and two right angles (90°).</p>

3- Hitung nilai a, b dan c bagi poligon berikut

Calculate the value of a, b and c for the following polygon



**4- Cari nilai sudut pedalaman setiap polygon sekata berikut.
Find the value of interior angle for each of the following regular polygon**

<p>a) Segi empat sama Square $= \frac{(n-2) \times 180^\circ}{n}$ $= \frac{(4-2) \times 180^\circ}{4}$ $= 90^\circ$</p>	<p>b) Pentagon sekata Regular pentagon</p>	<p>c) Segi tiga Triangle</p>
<p>d) n = 7</p>	<p>e) Poligon sekata dengan 11 sisi Regular polygon with 11 sides</p>	<p>f) Oktagon sekata Regular octagon</p>

5- Cari nilai sudut peluaran setiap polygon sekata berikut.

Find the value of exterior angle for each of the following regular polygon

a) Segi empat sama Square $= \frac{360^\circ}{n}$ $= \frac{360^\circ}{4}$ $= 90^\circ$	b) Heptagon sekata Regular heptagon	c) Segi tiga Triangle
d) n = 6	e) Poligon sekata dengan 11 sisi Regular polygon with 11 sides	f) Dekagon sekata Regular decagon

strive FOR excellence

6- Cari bilangan sisi setiap polygon sekata berikut apabila sudut pedalaman diberi.

Find number of sides for each of the following regular polygon when the interior angle is given

<p>a) 90° Bilangan sisi = $\frac{360^\circ}{180^\circ - \text{sudut pedalaman}}$ = $\frac{360^\circ}{180^\circ - 90^\circ}$ = 4</p>	<p>b) 144°</p>	<p>c) 108°</p>
--	-----------------------	-----------------------

7- Cari bilangan sisi setiap polygon sekata berikut apabila sudut peluaran diberi.

Find number of sides for each of the following regular polygon when the exterior angle is given

<p>a) 36° Bilangan sisi = $\frac{360^\circ}{\text{Sudut pedalaman}}$ = $\frac{360^\circ}{36^\circ}$ = 10</p>	<p>b) 60°</p>	<p>c) 45°</p>
---	----------------------	----------------------