

Name: _____

(a) Given the exterior angle of a regular polygon is $2p$ and its interior angle is $3p$.

Diberi sudut peluaran sebuah poligon sekata ialah $2p$ dan sudut pedalamannya ialah $3p$.

(i) Find the value of p .

Cari nilai p .

Answer/Jawapan:

(ii) Calculate the number of sides of the polygon. Hence, name the polygon.

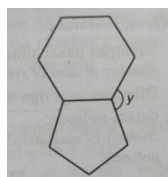
Hitung bilangan sisi poligon tersebut. Seterusnya, namakan poligon itu.

Answer/Jawapan:

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(b) The diagram below shows part of mosaic's pattern.

Rajah di bawah menunjukkan sebahagian daripada corak jubin.



Calculate the value of y .

Hitung nilai y .

Answer/Jawapan:



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(c) Given the interior angles of two polygons are 108° and 140° respectively. Both polygons are joined at their sides. Calculate

the total number of sides of the composite polygon.

Diberi sudut pedalaman bagi dua poligon masing-masing ialah 108° dan 140° . Kedua-dua poligon bercantum pada sisinya. Hitung

jumlah bilangan sisi bagi hasil gabungan poligon itu.

Answer/Jawapan:

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