

中二數學科 – 多邊形 Polygons 練習

1. 求一個十二邊形的內角和及外角和。

Find the sum of interior angles and the sum of exterior angles of a 12-sided polygon.

2. 求一正八邊形每個內角的大小及每個外角的大小。

Find the size of each interior angle and the size of each exterior angle of a regular octagon.



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3. 一多邊形的一個內角為 158° 。該多邊形是否可能為一正多邊形？試解釋你的答案。

An interior angle of a polygon is 158° . Is it possible that the polygon is a regular polygon?

Explain your answer.

4. 若一正 n 邊形的一個內角比一個外角大 144° ，求該多邊形每個外角的大小。

If an interior angle of a regular n -sided polygon is greater than an exterior angle by 144° , find the size of each exterior angle of the polygon.

