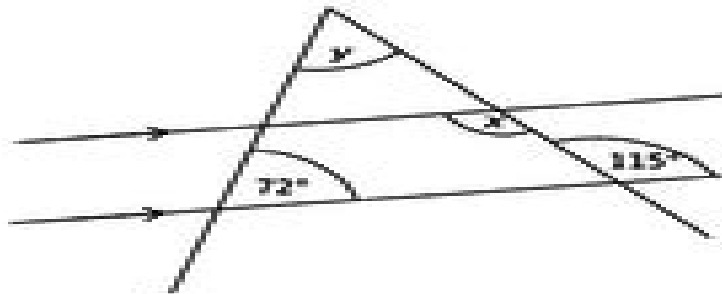


Name _____

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Y10/11 Test – Polygons & Angle Properties

1. Find the sizes of angles x and y , giving reasons for your answers.



$x =$ _____

Reason(s) _____

$y =$ _____

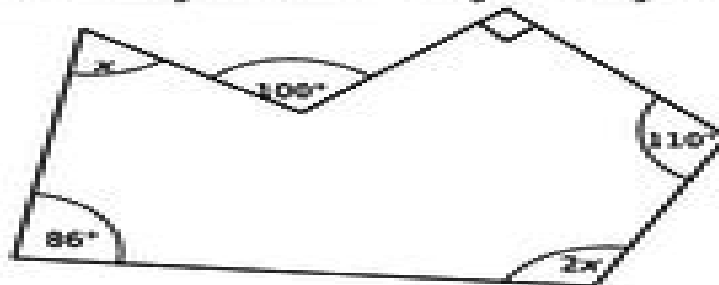
Reason(s) _____

[4]

2. The size of each interior angle in a regular polygon is 165° . Find the number of sides of the polygon.

[2]

3. The diagram shows an irregular hexagon. Calculate the value of x .



[3]

4. Expand and simplify:

(a) $6x + (x + 3)(x + 4)$

(b) $(x - 3)^2(x + 2)$

[2]

Igcse Grade Maths Test Papers Polygons

Jacques Tits, Richard Weiss



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Core Mathematics for IGCSE David Rayner, 2000 This text offers key facts worked examples international contexts questions including those from past exam papers in built revision and full coverage of IGCSE syllabuses for secondary maths pupils in overseas schools taking IGCSE *Key Maths GCSE* , 2001 Developed for the AQA Specification revised for the new National Curriculum and the new GCSE specifications The Teacher File contains detailed support and guidance on advanced planning points of emphasis key words notes for the non specialist useful supplementary ideas and homework sheets

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