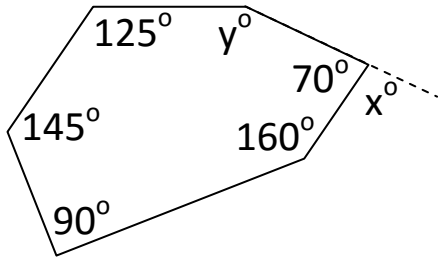


Interior & Exterior Angles Homework

1) Calculate the missing angles:



$x = \underline{\hspace{2cm}}$

$y = \underline{\hspace{2cm}}$

2) A regular polygon has 30 sides, find the size of the:

a) Exterior angles

b) Interior angles

3) A regular polygon has interior angles of 170° . Calculate the number of sides of the polygon.

4a) Calculate the sum of the interior angles of a regular nonagon

b) By considering the interior angles, why doesn't a regular nonagon tessellate?

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I did well at:

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