## Summer Term Maths Year 9

## Sum of exterior angles





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Sum of exterior angles



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## Fill in the blanks in the table below.

Number of sides	Size of the exterior angle
3	<b>I20</b> °
4	<b>90</b> °
5	<b>72</b> °
6	<b>60</b> °
Ю	<b>36</b> °
36	IO°

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The diagram below shows 2 sides of a regular polygon. How many sides does it have?



a) Form and solve an equation to find x.



b) Find the size of the largest external angle of the pentagon.

