

1. A regular polygon has 6 sides.

Work out the size of an exterior angle.

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2. The size of each exterior angle of a regular polygon is  $40^\circ$

Work out the number of sides of the regular polygon.

2. ....

3. Work out the size of an exterior angle of a regular pentagon.

..... °

angle (10) Q1:  $60^\circ$ , Q2: 9, Q3:  $72^\circ$  Q4:  $20^\circ$ , Q5: 12

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4. Here is a regular polygon with 18 sides.

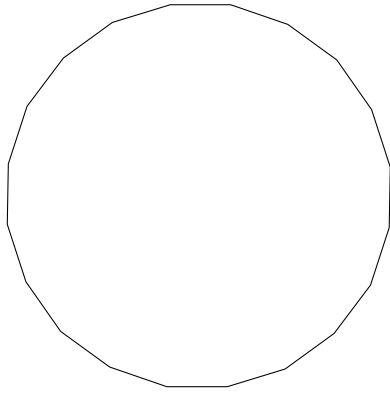


Diagram NOT  
accurately drawn.

Work out the size of an exterior angle.

.....°

5. Each exterior angle of a regular polygon is  $30^\circ$

Work out the number of sides of the polygon.

5. ....

4. Here is a regular polygon with 18 sides.

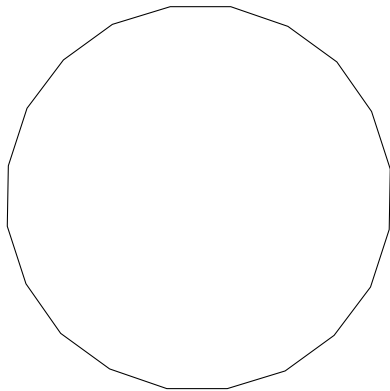


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