



Concept\_CW\_G8\_Sum of Exterior Angles of a Quadrilateral

1. Find the measure of each exterior angle of a regular
  - (i) pentagon
  - (ii) hexagon
  - (iii) heptagon
  - (iv) decagon
  - (v) polygon of 15 sides.
  
2. Is it possible to have a regular polygon each of whose exterior angles is  $50^\circ$ ? (Write yes or no)

3. Find the number of sides of a regular polygon who's each exterior angle measures:

(i)  $40^\circ$

(ii)  $36^\circ$

(iii)  $72^\circ$

(iv)  $30^\circ$

4. In the given figure, find the angle measure  $x$ .

