

WORKOUT

POLYGONS

Notice: Sum of the interior angles = $(n-2) \times 180^\circ$

Name: _____ Nos: ____ Grade: 6/____

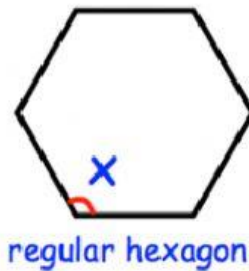
Question 4: Each of the polygons below are regular.

Calculate the size of each interior angles, x.

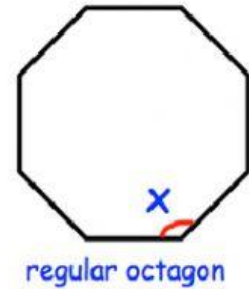
(a)



(b)



(c)



Question 5: Calculate the size of each interior angle in regular polygons with;

- a. 15 sides b. 20 sides c. 24 sides d. 36sides

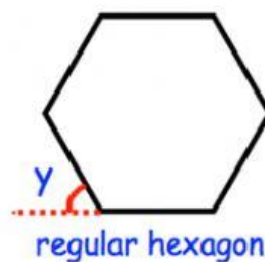
Question 6: Each of the polygons below are regular.

Calculate the size of each exterior angle, y.

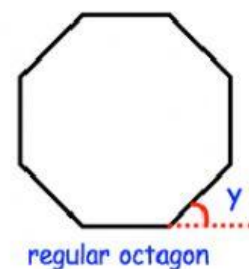
(a)



(b)



(c)

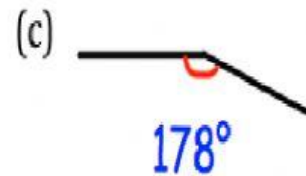
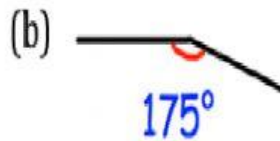
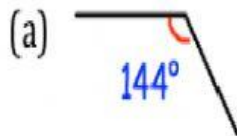


72	120	10	165	15	156	18	20	162
24	168	60	72	135	180	108	45	

Question 7: Calculate the size of each exterior angle in regular polygons with

- a. 15 sides b. 18 sides c. 20 sides d. 24 sides

Question 8: Shown below is one interior angle from regular polygons. Calculate how many sides the polygons have.



Click on finished, check your answers and send via [line ID: gpower11](#)

Upload image via [classpoint.app](#) through the class code as showed.

By T. OJO