WORKOUT

POLYGONS

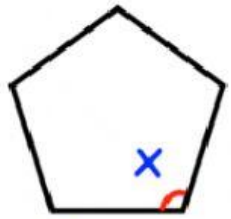
Notice: Sum of the interior angles = $(n-2) \times 180^0$

Name: _____ Nos: ___ Grade: 6/___

Question 4: Each of the polygons below are regular.

Calculate the size of each interior angles, x.

(a)



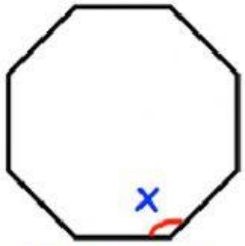
regular pentagon

(b)



regular hexagon

(c)



regular octagon

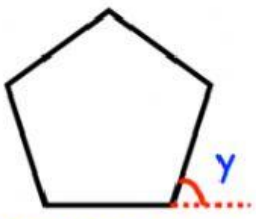
Question 5: Calculate the size of each interior angle in regular polygons with;

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

Question 6: Each of the polygons below are regular.

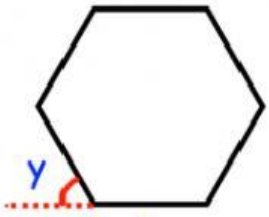
Calculate the size of each exterior angle, y.

(a)



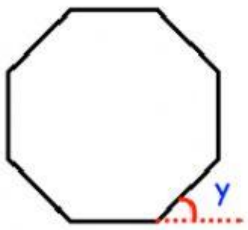
regular pentagon

(b)



regular hexagon

(c)



regular octagon

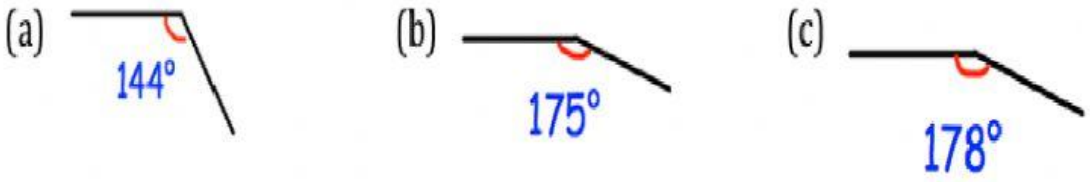
72	120	10	165	15	156	18	20	162
24	168	60	72	135	180	108	45	

LIVEWORKSHEETS

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

LIVEWORKSHEETS