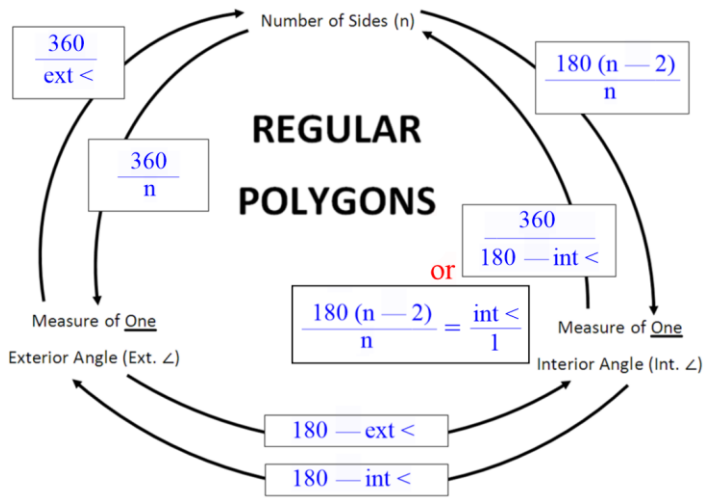


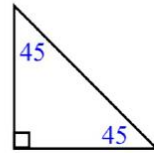
CLOSURE – 8.1.1 to 8.2.2

Name _____

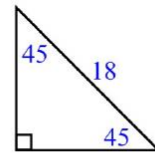
Show all work neatly, and circle your answers.



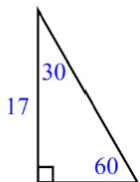
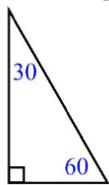
Generic triangle



Find the missing sides...



Generic triangle



sum of the interior angles of a 42-gon

individual interior angle of a regular 25-gon

sum of the exterior angles of a convex 83-gon

individual exterior angle of a regular 40-gon

sum of the interior angles of a 39-gon

sum of the interior angles of a 65-gon

individual interior angle of a regular 40-gon

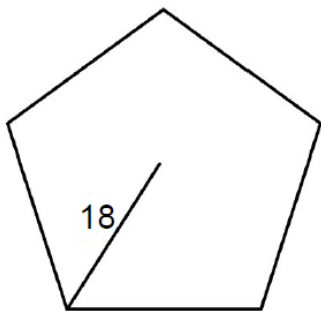
individual interior angle of a regular 120-gon

sum of the exterior angles of a convex 91-gon

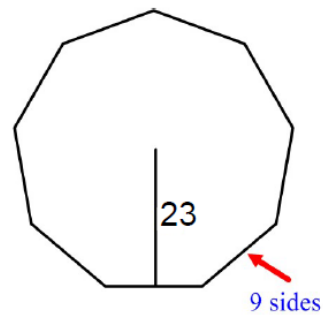
sum of the exterior angles of a convex 91-gon

individual exterior angle of a regular 100-gon

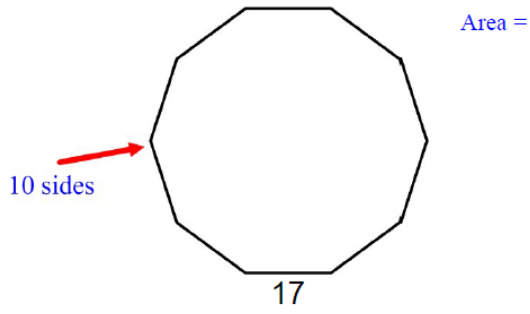
individual exterior angle of a regular 50-gon



Area =



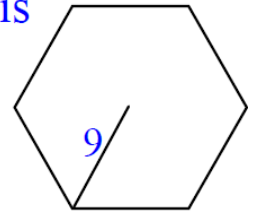
Area =



If one interior angle of a regular polygon = 140 , how many sides are there?

Find the sum of the exterior angles of a 14-sided polygon.

Find the area of this regular polygon.



Find the sum of the interior angles of a 12-sided polygon.

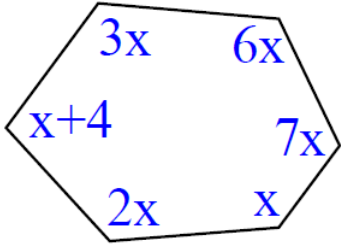
Find one exterior angle of a regular 8-sided polygon.

Find the number of sides of a polygon, if the sum of the measure of the interior angles is 26640.

Find the number of sides of a regular polygon, if the measure of one exterior angle = 12.

Find one interior angle of a regular 5-sided polygon.

Find the value of x .



Find the linear scale factor, and the area of the larger blob.



Area = 972 mm^2



33 mm