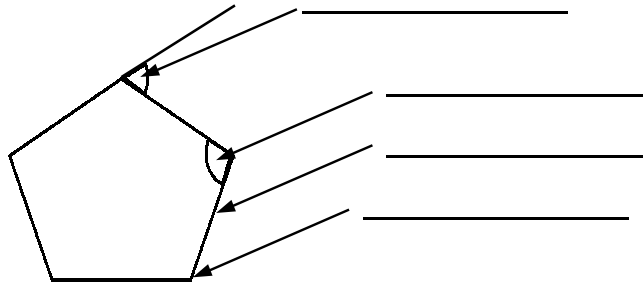


A **polygon** is a \_\_\_\_\_ - sided figure.

A **regular polygon** has equal \_\_\_\_\_ and equal \_\_\_\_\_

We use **n** as a symbol to represent the **number of sides**.



Family name is \_\_\_\_\_

name	diagram	features
equilateral		
isosceles		
scalene		
right-angle		

Angle properties

$\Sigma$  int. *L*'s = \_\_\_\_\_

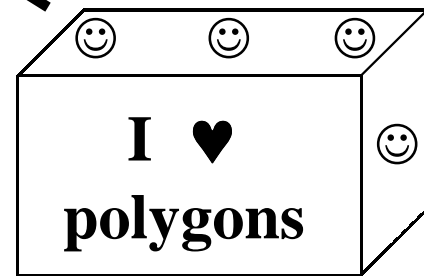
$\Sigma$  ext. *L*'s = \_\_\_\_\_

name	diagram	features
square		
rectangle		
rhombus		
parallelogram		
kite		
trapezium		
quadrilateral		

terminology

n = 3

definitions



tessellations

n = ∞ !

A tessellation is a \_\_\_\_\_ pattern that completely covers a surface.

Family name is \_\_\_\_\_

n > 4

n	name	diagram	$\Sigma$ int. <i>L</i> 's	$\Sigma$ ext. <i>L</i> 's
5				
6				
7				
8				
9				
10				
n				

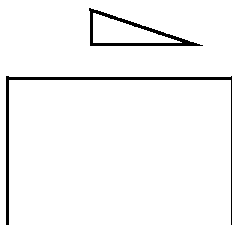
Family name is \_\_\_\_\_

Angle properties

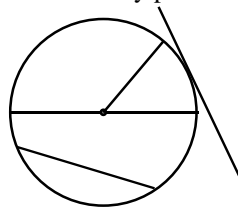
$\Sigma$  int. *L*'s = \_\_\_\_\_

$\Sigma$  ext. *L*'s = \_\_\_\_\_

eg Tessellate this shape to cover the space below.



label & name my parts:



arc, sector, radius, chord, diameter, segment, tangent

