G5 U3
L 4

Acute Angle

What A CUTE little space in that angle.

Less than 90° degrees

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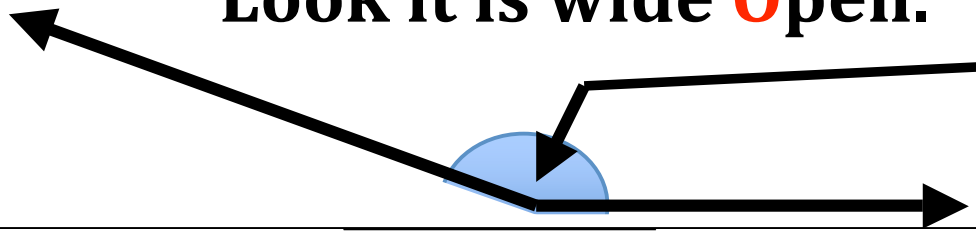
G5 U3
L 4

Obtuse Angle

Obtuse Angle

Look it is wide Open.



> 90°

< 180°

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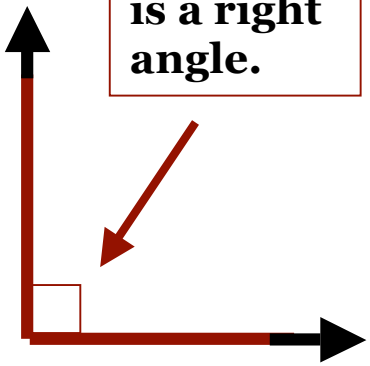
G5 U3
L 4

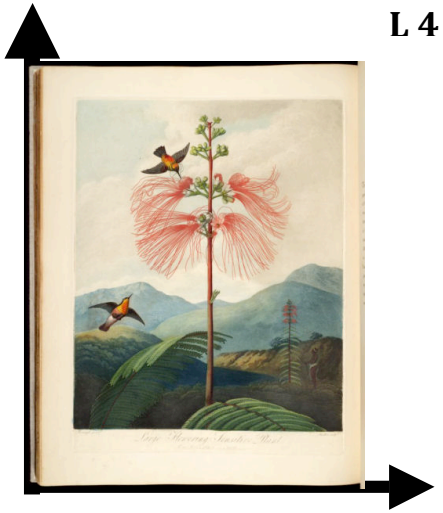
Right Angle

This box proves it is a right angle.



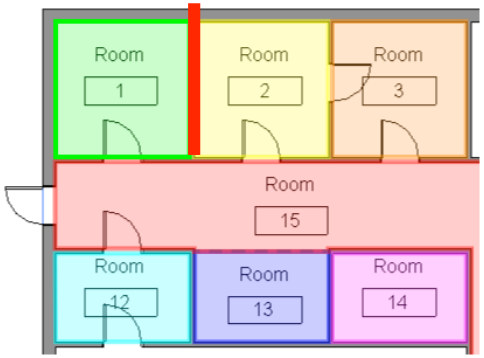
It fits RIGHT on the corner of a page.

Exactly 90°



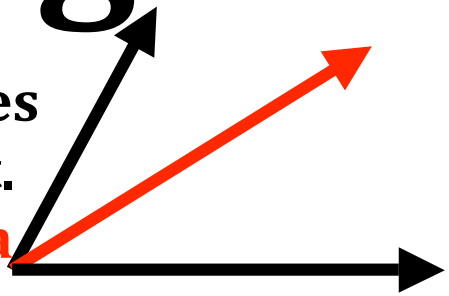
G5 U3
L 5

Adjacent Angles



Room 1 and room 2 are adjacent. They share a wall.

These 2 angles are adjacent. They share a side.

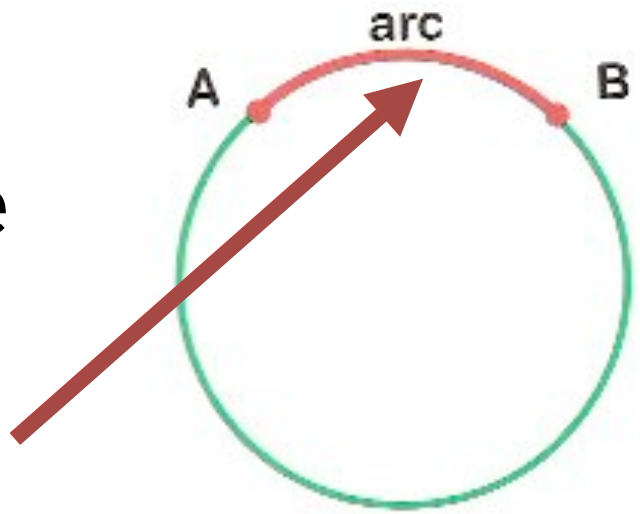


G5 U3
L 4

Arc

part of a circle from one point to another

See arc AB



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G5 U3
L 10

Pentagon

5

Polygon ***with***

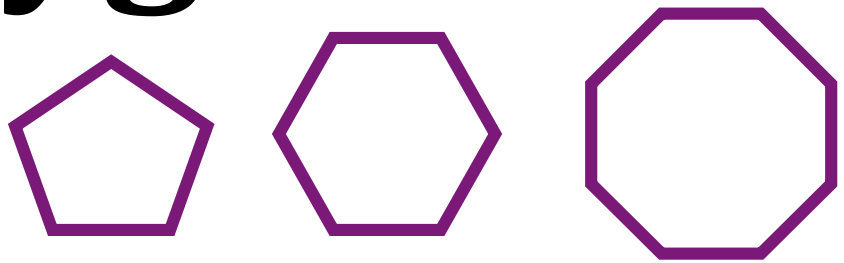
five sides

G5 U3
L 8

Regular Polygon

All sides *are* equal.

All angles *are* equal.



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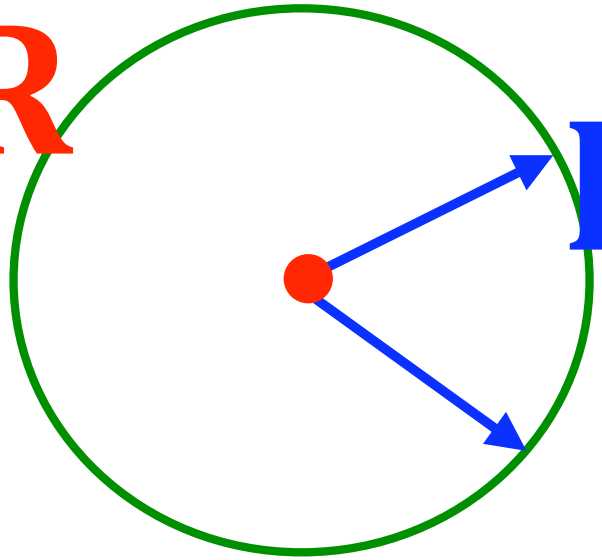
G5 U 3
L 5: 10

CENTER of CIRCLE



RADIUS of CIRCLE

more than one:

radii

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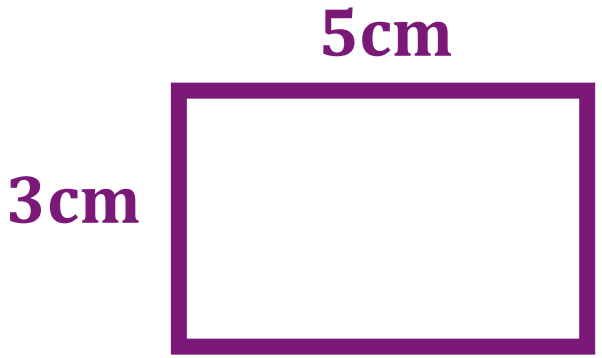
G5 U3
L 10

Perimeter

distance around a 2-D shape



Perimeter 16 cm

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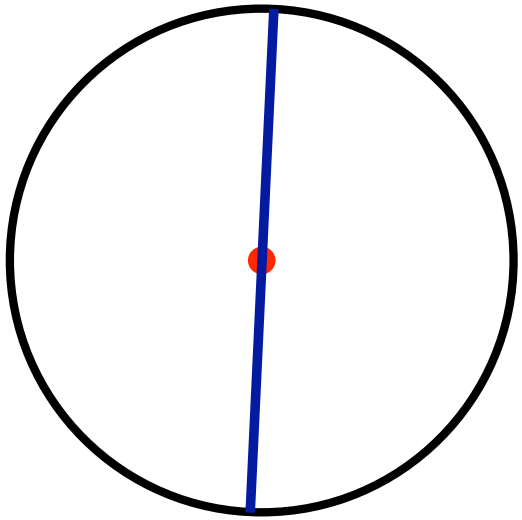
G5 U 3
L 5: 10

Diameter

any line segment that passes through the center of a circle and has endpoints on the circle



Look! A diameter divides the circle into 2 big Ds.

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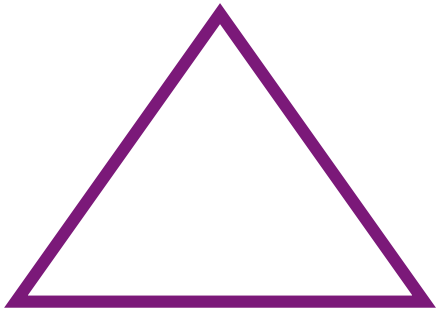
Equilateral Triangle

G5 U3
L 6

equal sides

Equal sides cause **equal angles.**

There is only one way to build a triangle with 3 equal sides.



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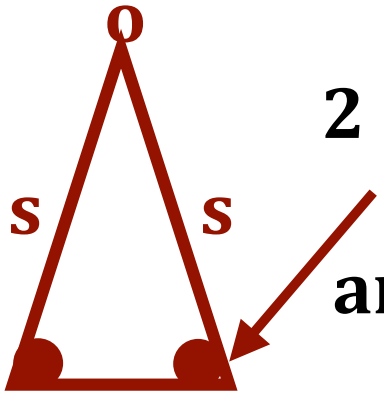
Isosceles Triangle

G5 U 3
L 6

a triangle with at least 2 equal sides



2 equal sides cause the opposite 2 angles to be equal.

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Scalene Triangle

G5 U3
L 6

NO equal sides

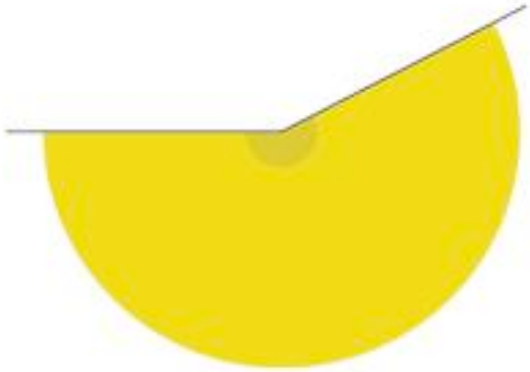
Since all sides are different, scale up the shortest side to the top.

Reflex Angle

G5 U 3
L 4

more than 180°

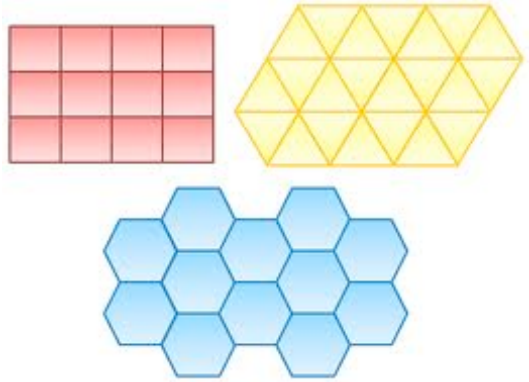
but **less than 360°**



Regular Tessellation

G5 U 3
L 8

a tessellation made with only 1 regular polygon.



Straight Edge

G5 U 3
L 4

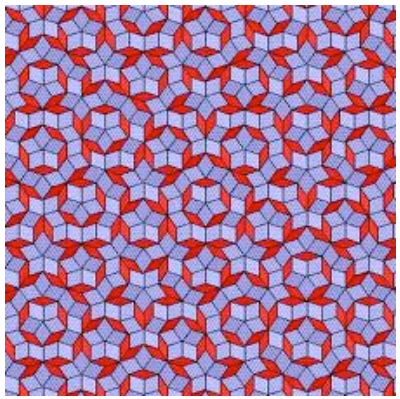
a tool used to draw a line segment

No measurement marks are needed on a straight edge.

G5 U3
L 8

Tessellation

an arrangement of shapes that cover a surface with no gaps and no overlaps.



G5 U 3
L 8

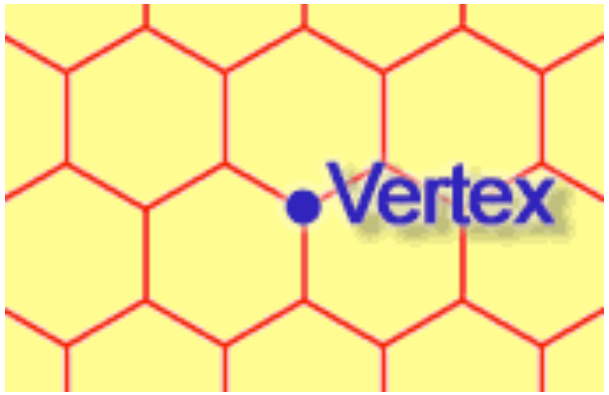
Tessellate

Make a tessellation.

G5 U3
L 8

Tessellation Vertex

a point where 3 or more shapes meet in a tessellation



G5 U 3
L 5

Vertical Angles

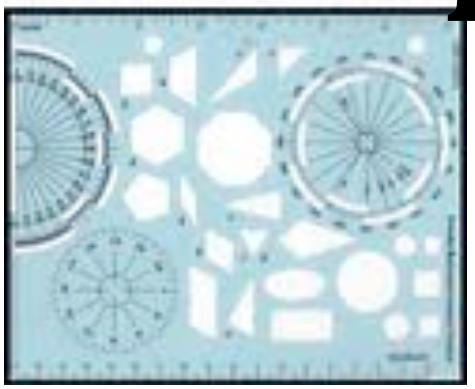
opposite angles formed by two intersecting lines

Vertical or opposite angles are equal.

Geometry Template

G5 U3
L 4

a math tool for measuring and drawing shapes.



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Census

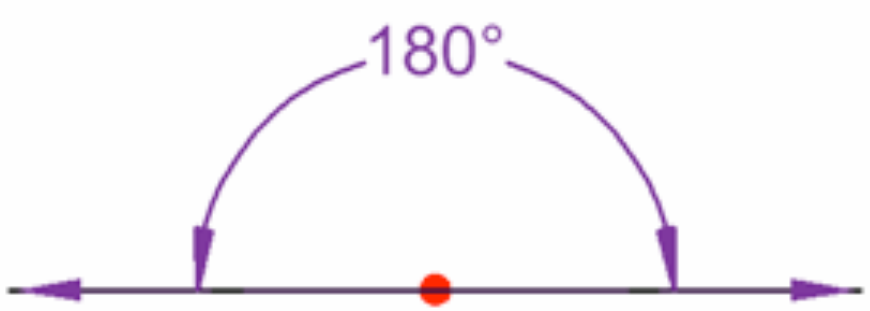
G5 U 3
L 1

an official count of a country's population

Straight Angle

G5 U 3
L 4

Exactly 180°



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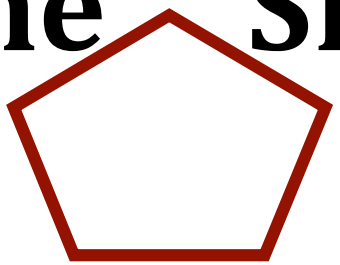
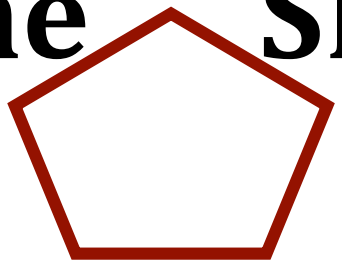
Congruent

G5 U3
L 6

Same SHAPE Same SIZE





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