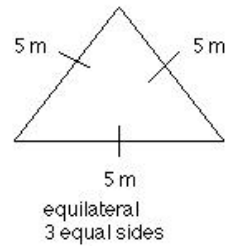
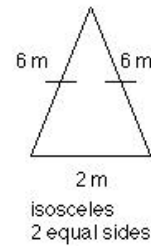
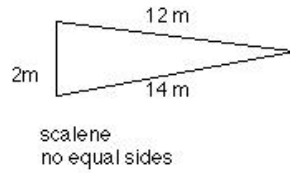


## 6 - Angles

### Angles

- Equilateral triangle angles =  $60^\circ$
- All angles in a triangle =  $180^\circ$
- Angles around a point =  $360^\circ$
- Corresponding = same $^\circ$
- Alternate = same $^\circ$
- Supplementary =  $180^\circ$
- Opposite = same $^\circ$
- Straight line =  $180^\circ$

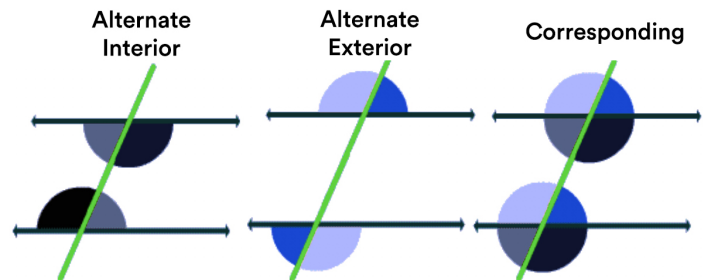


### Polygons

$$360/n = \text{exterior angle}$$

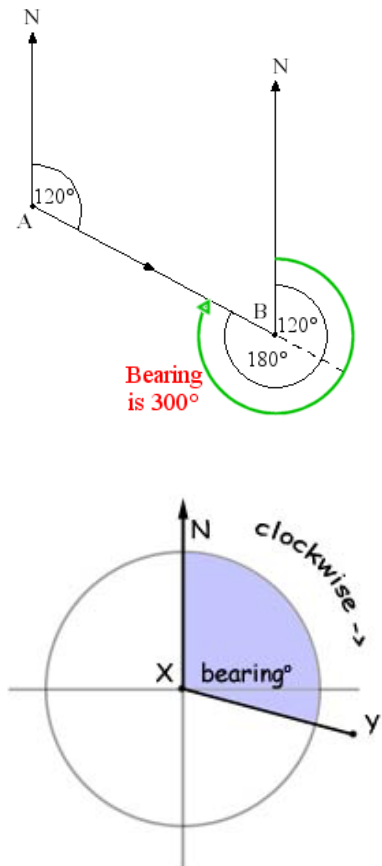
$$(n-2 \times 180) \div n = \text{sum of interior angles}$$

$$\text{interior} + \text{exterior} = 180^\circ$$



### Bearings

Bearings always start north and move clockwise  
3 digits e.g. (097 $^\circ$ )



	Relationship	Properties	Missing Angle
	Alternate Angles	Angles are Equal	55 $^\circ$
	Opposite Angles	Angles are Equal	55 $^\circ$
	Corresponding Angles	Angles are Equal	55 $^\circ$
	Interior Angles	Angles add up to 180 $^\circ$	125 $^\circ$
	Adjacent Angles	Angles add up to 180 $^\circ$	125 $^\circ$