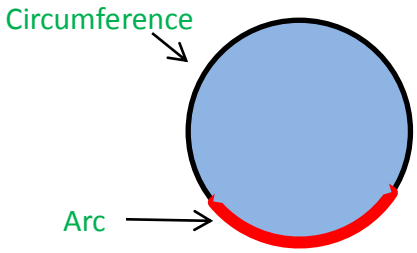
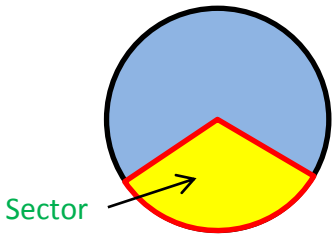
Arcs & Sectors

An arc is a part of the circumference of a circle.



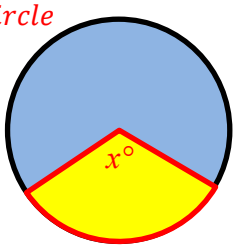
A sector is a slice of the circle.



$$Length\ of\ an\ Arc = \frac{x}{360} \times Circumference\ of\ circle$$

$$Area\ of\ Sector = \frac{x}{360} \times Area\ of\ circle$$

$$Arc = \frac{x}{360} \times \pi d$$



$$Sector = \frac{x}{360} \times \pi r^2$$

Arcs & Sectors Practice

http://www.cimt.plymouth.ac.uk/projects/mepres/book8/bk8i16/bk8_16i1.htm

http://www.cimt.plymouth.ac.uk/projects/mepres/book8/bk8i16/bk8_16i4.htm

Learn about circles. Answer the questions.

http://www.bbc.co.uk/schools/ks3bitesize/maths/shape_space/circles/revise1.shtml

Revise circumference and area of circles.

http://www.bbc.co.uk/bitesize/standard/maths_ii/measure/circles/revision/3/

Read pages 1 and 2 ONLY and try the TESTBITE.