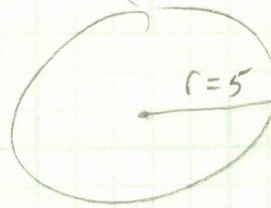
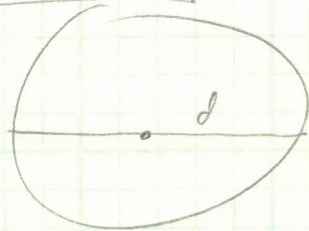


$$C = \pi d = \pi(2r)$$

Express circumference in terms of radius.

$$C = 2\pi r$$



$C = 2\pi r$ distance (cm)

$A = \pi r^2$ area (cm²)

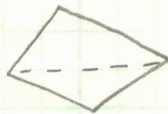
Keep these formulae straight by using units

$$d = 2r$$

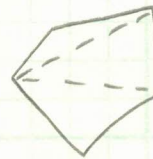
n-gons



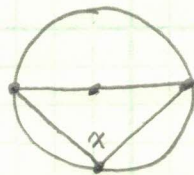
180°



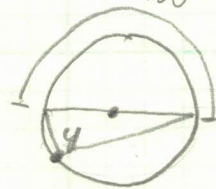
360°



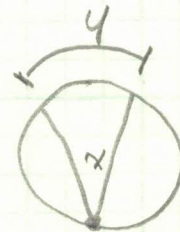
540°



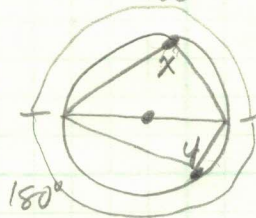
180°



$y = 90^\circ$



$x = \frac{1}{2} y$



180°

$x + y = 180^\circ$



$x + y = 180^\circ$

Key result: The opposite angles in a cyclic (inscribed in a circle) quadrilateral are supplementary.