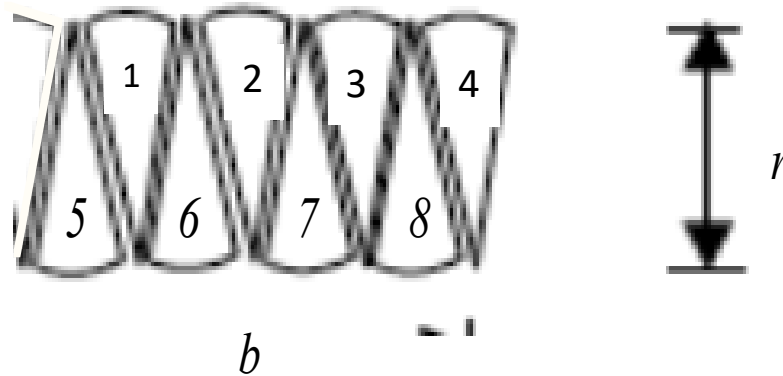# Area of a Circle – Re-arranged

Begins to look like a parallelogram – A = bh

**Base is half the circumference
Height is the radius**

$$A = (\pi r)r = \pi r^2$$