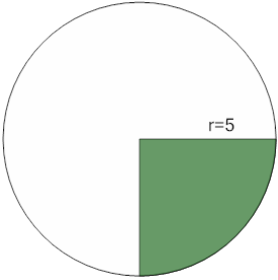# mobius

Math worksheet on *'Area of a Circle Sector From Area to Angle (Closest Integer) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*
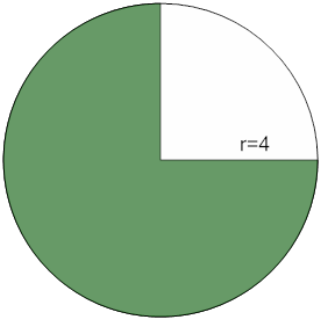
Learn online:

app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/

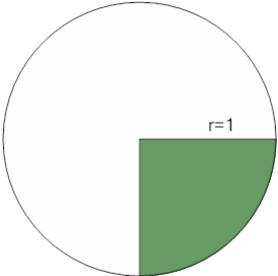**1** A sector with area 19.63 in a circle of radius 5 has what sector angle?

a	315º	**b**	90º
c	405º	**d**	360º
e	495º	**f**	225º

2 A sector with area 37.7 in a circle of radius 4 has what sector angle?

a	405º	**b**	810º
c	1,215º	**d**	540º
e	945º	**f**	270º
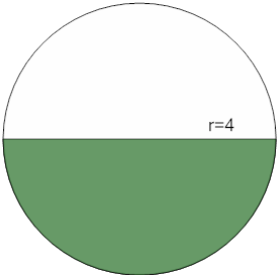
3 A sector with area 0.79 in a circle of radius 1 has what sector angle?

a	90º	**b**	270º
c	135º	**d**	495º
e	180º	**f**	225º
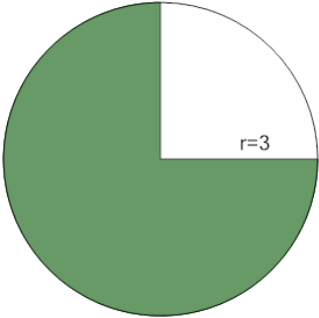
4 A sector with area 25.13 in a circle of radius 4 has what sector angle?

a	180º	**b**	90º
c	720º	**d**	900º
e	450º	**f**	810º
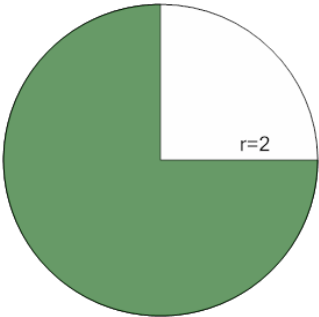
5 A sector with area 21.21 in a circle of radius 3 has what sector angle?

a	1,485º	**b**	810º
c	1,080º	**d**	945º
e	270º	**f**	405º
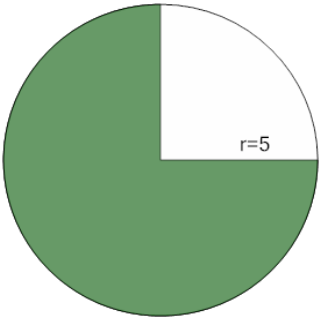
6 A sector with area 9.42 in a circle of radius 2 has what sector angle?

a	270º	**b**	810º
c	675º	**d**	135º
e	1,485º	**f**	405º

7 A sector with area 58.9 in a circle of radius 5 has what sector angle?

a	1,080º	**b**	135º
c	1,485º	**d**	810º
e	270º	**f**	675º