# mobius

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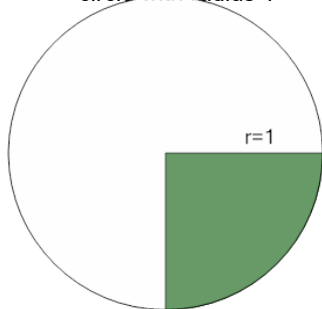
Learn online:

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

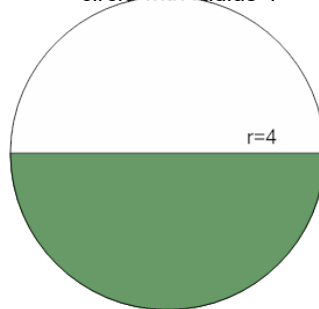**1** Find the area (to the closest integer) of the green shaded sector that covers 1/4 of the circle with radius 6

r=6
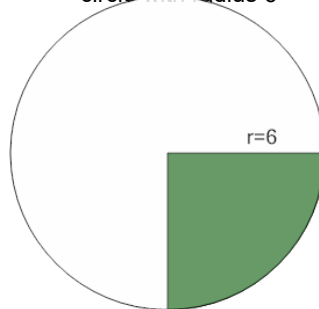
a	b	c
24	30	18
d	**e**	**f**
36	28	16

2 Find the area (to the closest integer) of the green shaded sector that covers 1/4 of the circle with radius 1

r=1

a	b	c
9	1	2
d	**e**	**f**
7	10	3

3 Find the area (to the closest integer) of the green shaded sector that covers 1/2 of the circle with radius 4

r=4

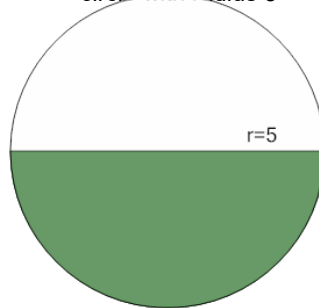| a	b	c
25	19	7
d	**e**	**f**
35	9	43

4 Find the area (to the closest integer) of the green shaded sector that covers 3/4 of the circle with radius 6

r=6
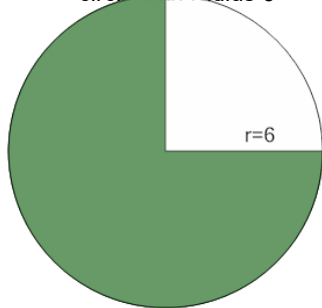
a	b	c
85	125	109
d	**e**	**f**
77	13	29

5 Find the area (to the closest integer) of the green shaded sector that covers 1/2 of the circle with radius 5

r=5

a	b	c
54	66	33
d	**e**	**f**
42	39	18

6 Find the area (to the closest integer) of the green shaded sector that covers 1/2 of the circle with radius 2

r=2
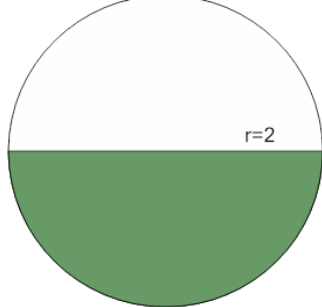
a	b	c
1	15	2
d	**e**	**f**
8	5	6

7 Find the area (to the closest integer) of the green shaded sector that covers 1/2 of the circle with radius 1

r=1

a	b	c
9	2	7
d	**e**	**f**
4	8	1