# mobius

Math worksheet on *'Area of a Circle Sector From Fraction to Area (Closest Integer) (Level 2)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*
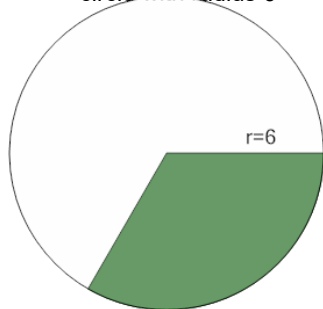
Learn online:

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

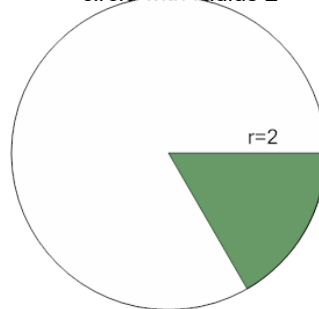**1** Find the area (to the closest integer) of the green shaded sector that covers 1/6 of the circle with radius 5

r=5
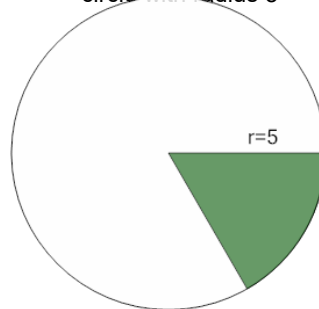
a	b	c
8	19	10
d	**e**	**f**
17	13	18

2 Find the area (to the closest integer) of the green shaded sector that covers 1/3 of the circle with radius 6

r=6

a	b	c
53	23	65
d	**e**	**f**
17	38	59

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

r=2

a	b	c
6	11	2
d	**e**	**f**
5	4	1

4 Find the area (to the closest integer) of the green shaded sector that covers 1/8 of the circle with radius 3
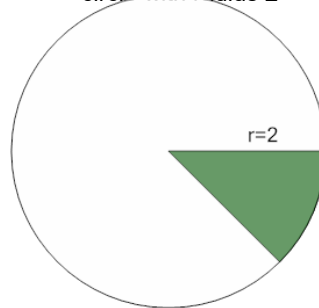
r=3
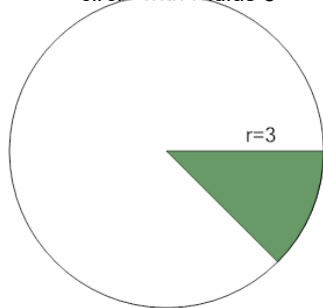
a	b	c
1	4	7
d	**e**	**f**
6	2	9

5 Find the area (to the closest integer) of the green shaded sector that covers 1/8 of the circle with radius 2

r=2

a	b	c
11	3	10
d	**e**	**f**
7	2	6

6 Find the area (to the closest integer) of the green shaded sector that covers 1/5 of the circle with radius 4

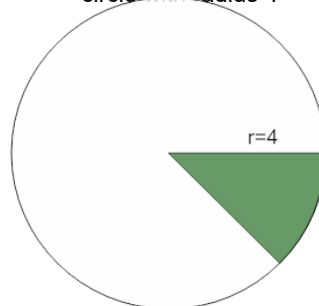r=4
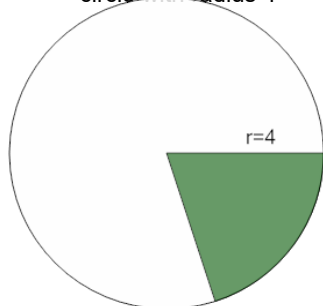
a	b	c
15	19	5
d	**e**	**f**
8	4	10

7 Find the area (to the closest integer) of the green shaded sector that covers 1/8 of the circle with radius 4

r=4

a	b	c
14	6	8
d	**e**	**f**
3	10	13