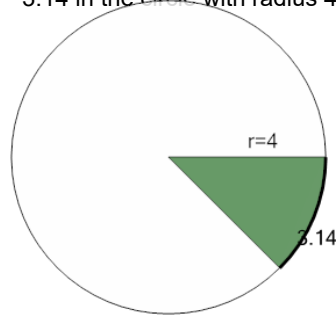# mobius

Math worksheet on *'Area of a Circle Sector From Arc Length to Area (Closest Integer) (Level 2)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*
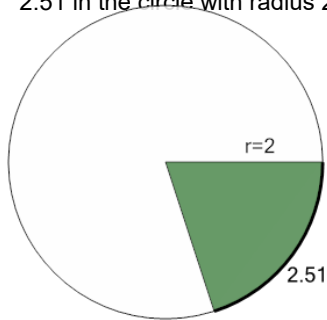
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app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/

1 Find the area (to the closest integer) of the green shaded sector with an arc length of 3.14 in the circle with radius 4
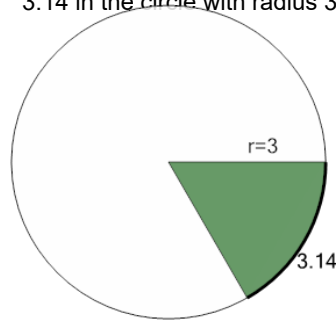

a	b	c
6	7	9
d	**e**	**f**
14	5	3

2 Find the area (to the closest integer) of the green shaded sector with an arc length of 2.51 in the circle with radius 2

a	b	c
10	9	3
d	**e**	**f**
7	5	6

3 Find the area (to the closest integer) of the green shaded sector with an arc length of 3.14 in the circle with radius 3

a	b	c
1	9	6
d	**e**	**f**
2	14	5

4 Find the area (to the closest integer) of the green shaded sector with an arc length of 5.03 in the circle with radius 4
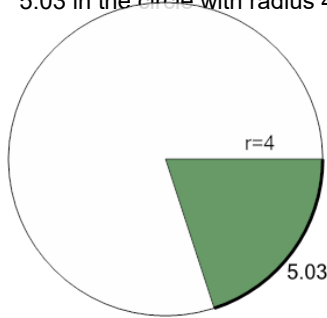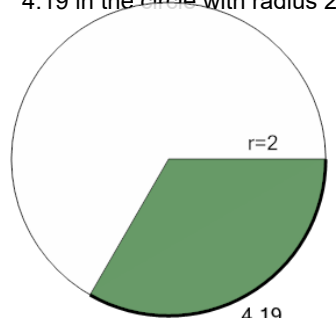

a	b	c
16	10	2
d	**e**	**f**
1	13	5

5 Find the area (to the closest integer) of the green shaded sector with an arc length of 4.19 in the circle with radius 2

a	b	c
4	2	3
d	**e**	**f**
12	6	5

6 Find the area (to the closest integer) of the green shaded sector with an arc length of 8.38 in the circle with radius 4

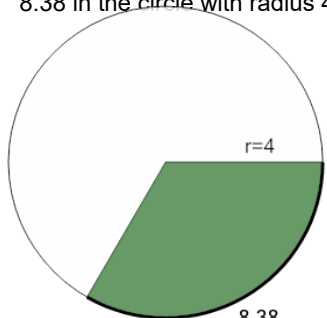| a	b	c
19	17	12
d	**e**	**f**
25	24	22

7 Find the area (to the closest integer) of the green shaded sector with an arc length of 2.09 in the circle with radius 3

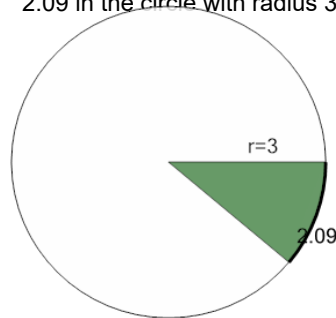| a	b	c
3	2	1
d	**e**	**f**
10	9	4

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