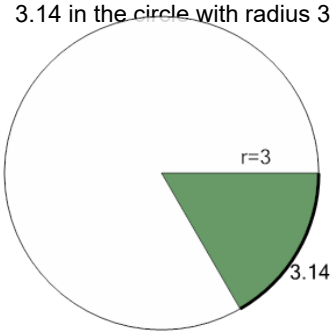
Math worksheet on *'Area of a Circle Sector From Arc Length to Area (Closest Integer) (Level 2)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*

Learn online:

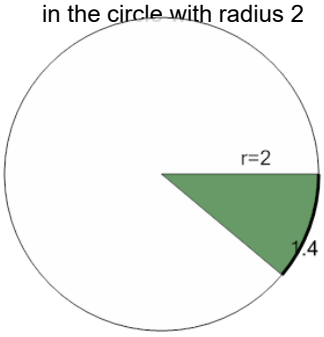
app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/

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



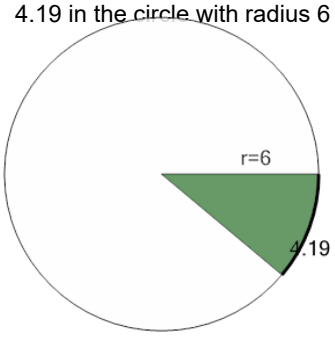
a	b	c
3	10	12
d	**e**	**f**
5	4	13

2 Find the area (to the closest integer) of the green shaded sector with an arc length of 1.4 in the circle with radius 2



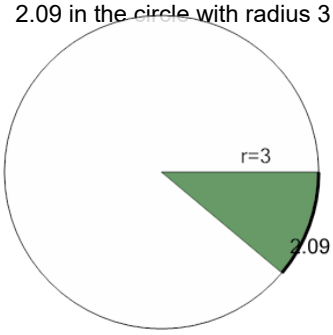
a	b	c
5	1	2
d	**e**	**f**
8	3	7

3 Find the area (to the closest integer) of the green shaded sector with an arc length of 4.19 in the circle with radius 6



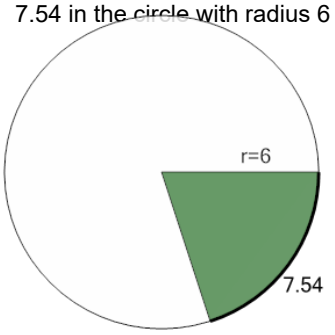
a	b	c
7	21	13
d	**e**	**f**
10	11	5

4 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



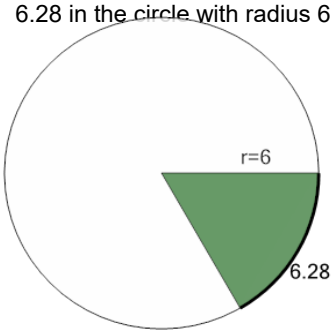
a	b	c
8	10	7
d	**e**	**f**
6	9	3

5 Find the area (to the closest integer) of the green shaded sector with an arc length of 7.54 in the circle with radius 6



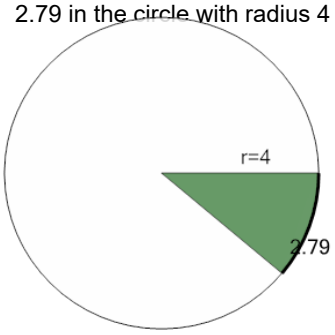
a	b	c
19	7	25
d	**e**	**f**
29	23	39

6 Find the area (to the closest integer) of the green shaded sector with an arc length of 6.28 in the circle with radius 6



a	b	c
17	16	24
d	**e**	**f**
19	28	15

7 Find the area (to the closest integer) of the green shaded sector with an arc length of 2.79 in the circle with radius 4



a	b	c
13	5	6
d	**e**	**f**
4	2	12