# mobius

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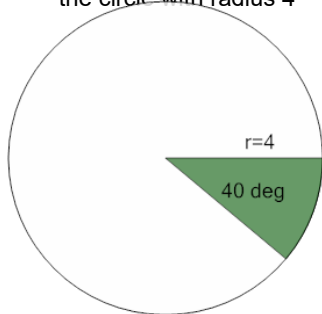
Learn online:

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 angle of 60º in the circle with radius 4
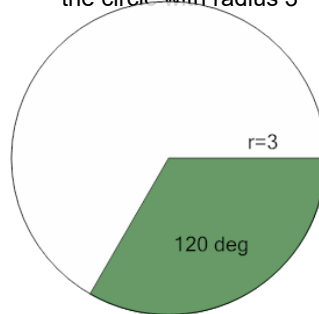
r=4
60 deg
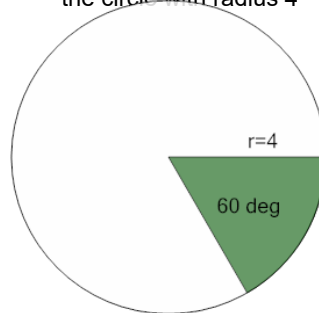
a	b	c
4	10	16
d	**e**	**f**
8	6	11

2 Find the area (to the closest integer) of the green shaded sector with an angle of 40º in the circle with radius 4

r=4
40 deg

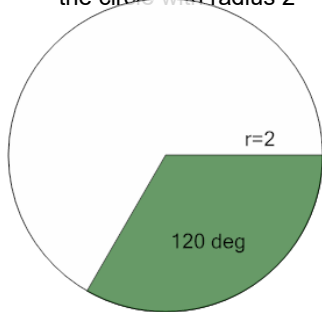| a	b	c
8	13	1
d	**e**	**f**
4	14	6

3 Find the area (to the closest integer) of the green shaded sector with an angle of 120º in the circle with radius 3

r=3
120 deg

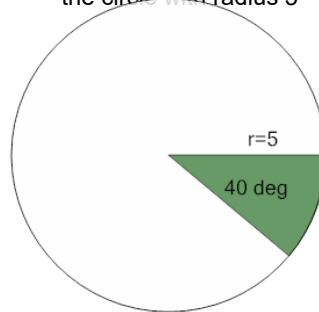| a	b	c
6	5	1
d	**e**	**f**
9	2	7

4 Find the area (to the closest integer) of the green shaded sector with an angle of 120º in the circle with radius 2

r=2
120 deg

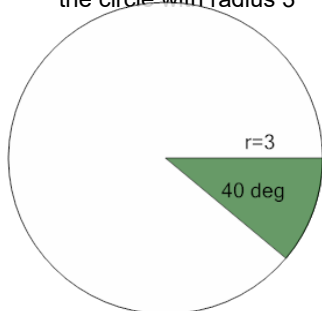| a	b	c
5	9	8
d	**e**	**f**
7	4	3

5 Find the area (to the closest integer) of the green shaded sector with an angle of 40º in the circle with radius 5

r=5
40 deg

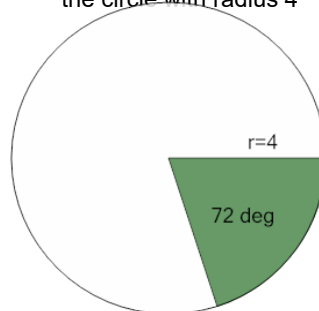| a	b	c
14	9	12
d	**e**	**f**
1	6	18

6 Find the area (to the closest integer) of the green shaded sector with an angle of 40º in the circle with radius 3

r=3
40 deg

a	b	c
1	11	10
d	**e**	**f**
6	3	5

7 Find the area (to the closest integer) of the green shaded sector with an angle of 72º in the circle with radius 4

r=4
72 deg

a	b	c
7	15	14
d	**e**	**f**
10	19	12