

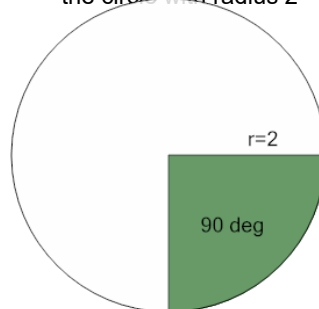


Math worksheet on 'Area of a Circle Sector From Angle to Area (Closest Integer) (Level 1)'. Part of a broader unit on 'Geometry - Circle Area, Sectors and Donuts - Intro'

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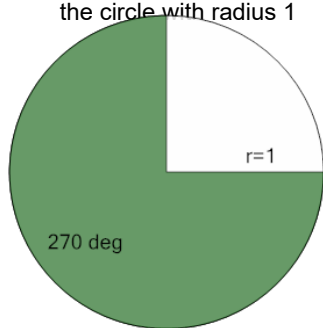
[app.mobius.academy/math/units/geometry\\_circles\\_sector\\_donut\\_area\\_logic\\_intro/](http://app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/)

**1** Find the area (to the closest integer) of the green shaded sector with an angle of  $90^\circ$  in the circle with radius 2



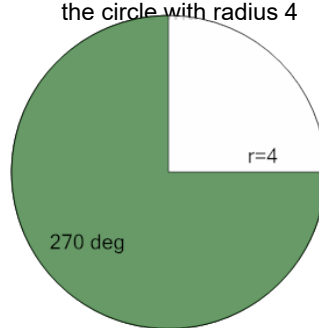
a	b	c
6	11	7
d	e	f
9	4	3

**2** Find the area (to the closest integer) of the green shaded sector with an angle of  $270^\circ$  in the circle with radius 1



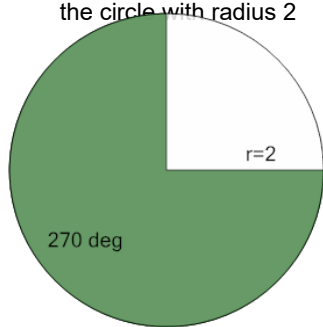
a	b	c
6	2	1
d	e	f
11	4	5

**3** Find the area (to the closest integer) of the green shaded sector with an angle of  $270^\circ$  in the circle with radius 4



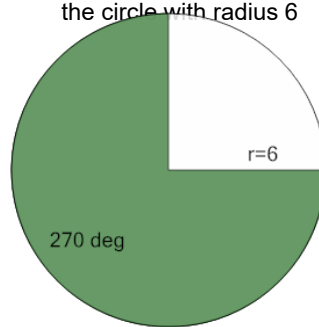
a	b	c
53	8	62
d	e	f
38	44	41

**4** Find the area (to the closest integer) of the green shaded sector with an angle of  $270^\circ$  in the circle with radius 2



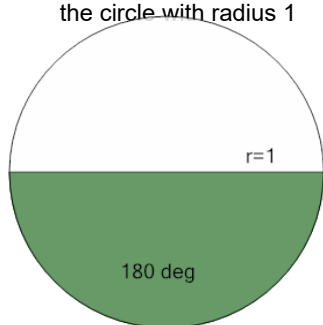
a	b	c
1	9	3
d	e	f
13	8	18

**5** Find the area (to the closest integer) of the green shaded sector with an angle of  $270^\circ$  in the circle with radius 6



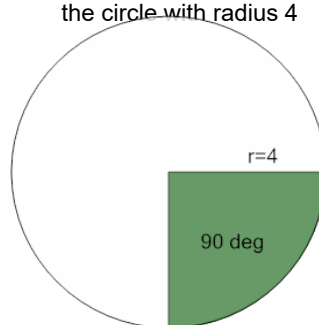
a	b	c
85	21	37
d	e	f
141	109	149

**6** Find the area (to the closest integer) of the green shaded sector with an angle of  $180^\circ$  in the circle with radius 1



a	b	c
4	3	8
d	e	f
6	2	7

**7** Find the area (to the closest integer) of the green shaded sector with an angle of  $90^\circ$  in the circle with radius 4



a	b	c
13	20	15
d	e	f
19	14	12