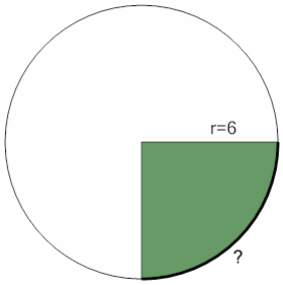
Math worksheet on *'Area of a Circle Sector From Area to Arc Length (Closest Integer) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*

Learn online:

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

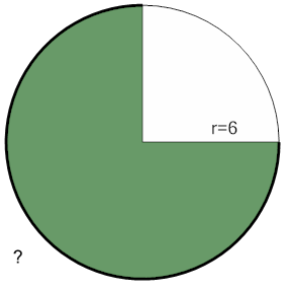
1



A sector with area 28.27 in a circle of radius 6 has what the arc length (to the closest integer)?

a	5	**b**	9
c	13	**d**	7
e	11	**f**	12

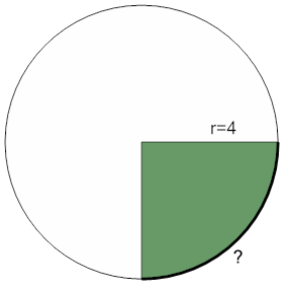
2



A sector with area 84.82 in a circle of radius 6 has what the arc length (to the closest integer)?

a	30	**b**	26
c	32	**d**	29
e	31	**f**	28

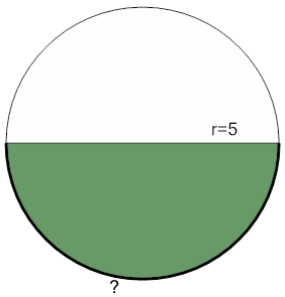
3



A sector with area 12.57 in a circle of radius 4 has what the arc length (to the closest integer)?

a	9	**b**	6
c	10	**d**	7
e	3	**f**	4

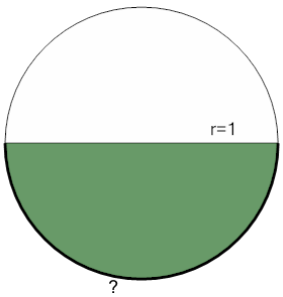
4



A sector with area 39.27 in a circle of radius 5 has what the arc length (to the closest integer)?

a	16	**b**	17
c	14	**d**	15
e	12	**f**	18

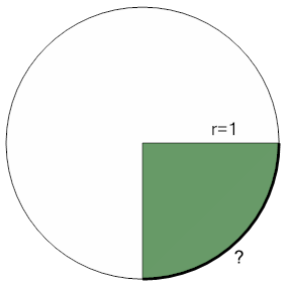
5



A sector with area 1.57 in a circle of radius 1 has what the arc length (to the closest integer)?

a	6	**b**	5
c	2	**d**	1
e	4	**f**	3

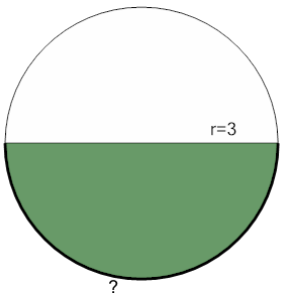
6



A sector with area 0.79 in a circle of radius 1 has what the arc length (to the closest integer)?

a	6	**b**	3
c	2	**d**	5
e	4	**f**	1

7



A sector with area 14.14 in a circle of radius 3 has what the arc length (to the closest integer)?

a	12	**b**	8
c	6	**d**	9
e	11	**f**	13