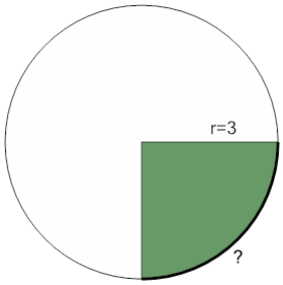
Math worksheet on *'Area of a Circle Sector From Area to Arc Length (Closest Integer) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*

Learn online:

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

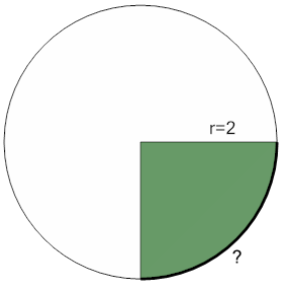
1



A sector with area 7.07 in a circle of radius 3 has what the arc length (to the closest integer)?

a	7	**b**	1
c	8	**d**	2
e	6	**f**	5

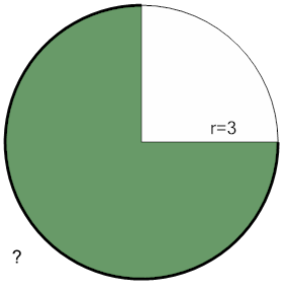
2



A sector with area 3.14 in a circle of radius 2 has what the arc length (to the closest integer)?

a	2	**b**	3
c	1	**d**	0
e	6	**f**	5

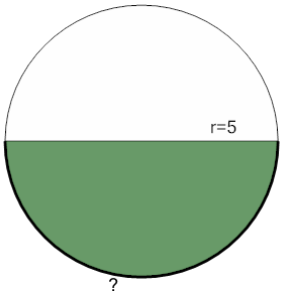
3



A sector with area 21.21 in a circle of radius 3 has what the arc length (to the closest integer)?

a	13	**b**	17
c	18	**d**	14
e	12	**f**	11

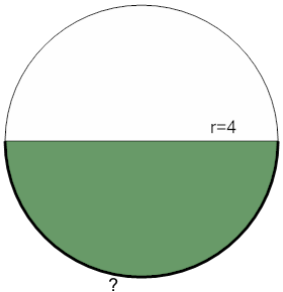
4



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

a	18	**b**	16
c	17	**d**	20
e	14	**f**	15

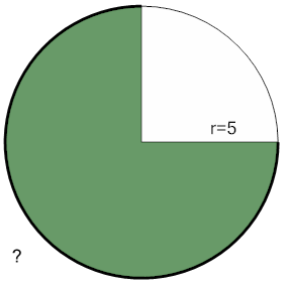
5



A sector with area 25.13 in a circle of radius 4 has what the arc length (to the closest integer)?

a	17	**b**	14
c	12	**d**	10
e	13	**f**	16

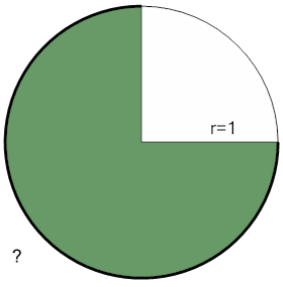
6



A sector with area 58.9 in a circle of radius 5 has what the arc length (to the closest integer)?

a	26	**b**	23
c	25	**d**	27
e	24	**f**	20

7



A sector with area 2.36 in a circle of radius 1 has what the arc length (to the closest integer)?

a	5	**b**	3
c	4	**d**	2
e	8	**f**	9