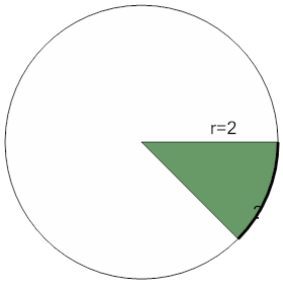
Math worksheet on *'Area of a Circle Sector From Area to Arc Length (Closest Integer) (Level 2)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*

Learn online:

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

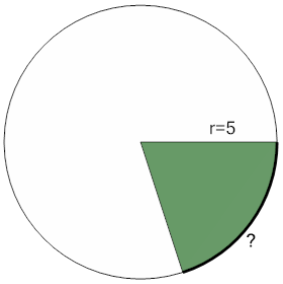
1



A sector with area 1.57 in a circle of radius 2 has what the arc length (to the closest integer)?

a	1	**b**	2
c	5	**d**	0
e	4	**f**	6

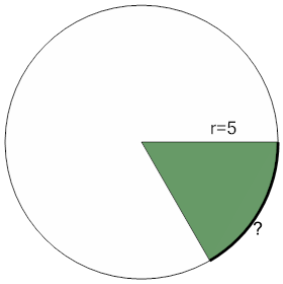
2



A sector with area 15.71 in a circle of radius 5 has what the arc length (to the closest integer)?

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

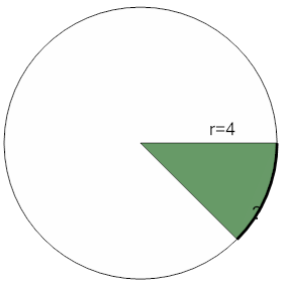
3



A sector with area 13.09 in a circle of radius 5 has what the arc length (to the closest integer)?

a	6	**b**	1
c	9	**d**	2
e	5	**f**	8

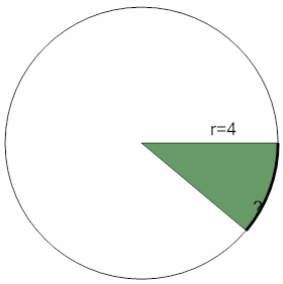
4



A sector with area 6.28 in a circle of radius 4 has what the arc length (to the closest integer)?

a	3	**b**	7
c	2	**d**	1
e	5	**f**	4

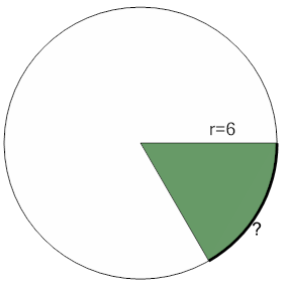
5



A sector with area 5.59 in a circle of radius 4 has what the arc length (to the closest integer)?

a	1	**b**	3
c	6	**d**	2
e	7	**f**	0

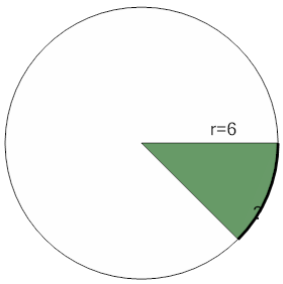
6



A sector with area 18.85 in a circle of radius 6 has what the arc length (to the closest integer)?

a	7	**b**	5
c	8	**d**	2
e	6	**f**	4

7



A sector with area 14.14 in a circle of radius 6 has what the arc length (to the closest integer)?

a	5	**b**	8
c	9	**d**	1
e	6	**f**	3