Math worksheet on *'Area of a Circle Sector From Area to Arc Length (Closest Integer) (Level 3)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*

Learn online:

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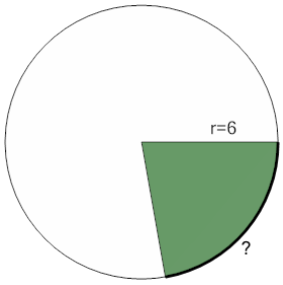
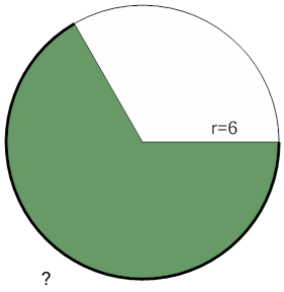
1



A sector with area 25.13 in a circle of radius 6 has what the arc length (to the closest integer)?

a	8	**b**	6
c	11	**d**	10
e	9	**f**	4

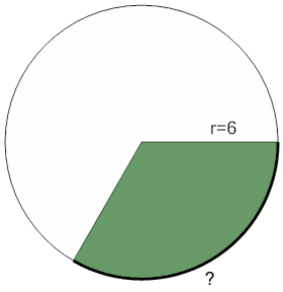
2



A sector with area 75.4 in a circle of radius 6 has what the arc length (to the closest integer)?

a	21	**b**	22
c	25	**d**	28
e	23	**f**	26

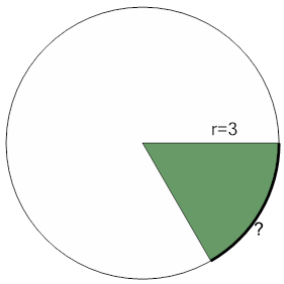
3



A sector with area 37.7 in a circle of radius 6 has what the arc length (to the closest integer)?

a	17	**b**	11
c	12	**d**	13
e	14	**f**	10

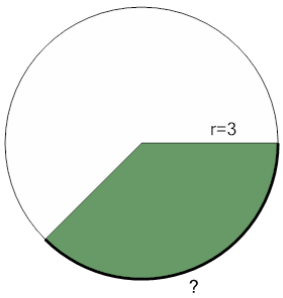
4



A sector with area 4.71 in a circle of radius 3 has what the arc length (to the closest integer)?

a	2	**b**	1
c	0	**d**	6
e	4	**f**	3

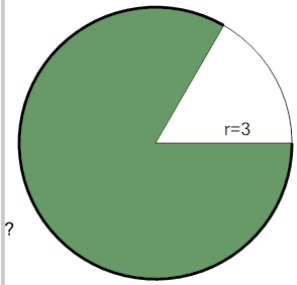
5



A sector with area 10.6 in a circle of radius 3 has what the arc length (to the closest integer)?

a	10	**b**	11
c	9	**d**	3
e	5	**f**	7

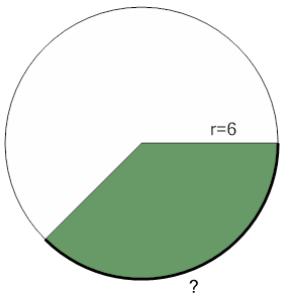
6



A sector with area 23.56 in a circle of radius 3 has what the arc length (to the closest integer)?

a	14	**b**	16
c	19	**d**	15
e	18	**f**	13

7



A sector with area 42.41 in a circle of radius 6 has what the arc length (to the closest integer)?

a	10	**b**	14
c	12	**d**	18
e	16	**f**	17