

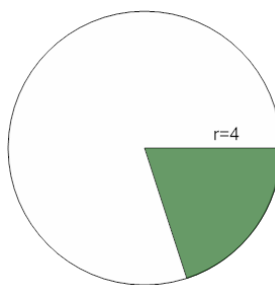


Math worksheet on 'Area of a Circle Sector From Area to Angle (Closest Integer) (Level 2)'. Part of a broader unit on 'Geometry - Circle Area, Sectors and Donuts - Intro'

Learn online:

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

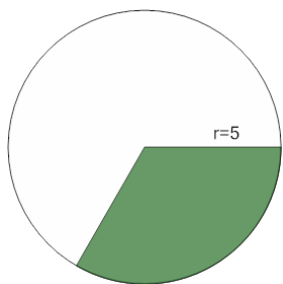
1



A sector with area 10.05 in a circle of radius 4 has what sector angle?

a	317°	b	72°
c	173°	d	387°
e	33°	f	243°

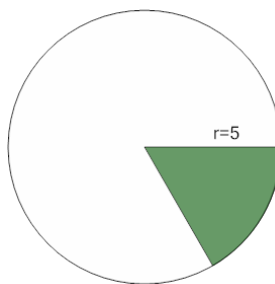
2



A sector with area 26.18 in a circle of radius 5 has what sector angle?

a	120°	b	600°
c	300°	d	420°
e	480°	f	660°

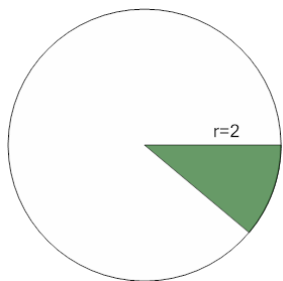
3



A sector with area 13.09 in a circle of radius 5 has what sector angle?

a	90°	b	300°
c	240°	d	60°
e	150°	f	120°

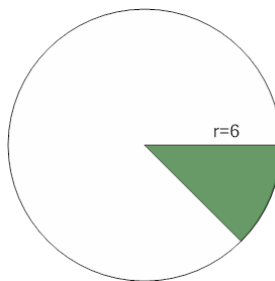
4



A sector with area 1.4 in a circle of radius 2 has what sector angle?

a	60°	b	80°
c	120°	d	100°
e	40°	f	140°

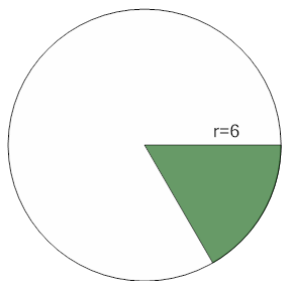
5



A sector with area 14.14 in a circle of radius 6 has what sector angle?

a	45°	b	135°
c	15°	d	115°
e	5°	f	205°

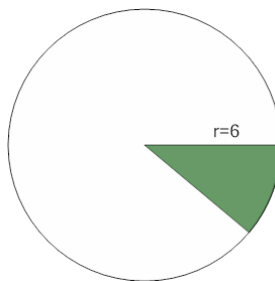
6



A sector with area 18.85 in a circle of radius 6 has what sector angle?

a	90°	b	150°
c	180°	d	210°
e	60°	f	300°

7



A sector with area 12.57 in a circle of radius 6 has what sector angle?

a	40°	b	80°
c	60°	d	140°
e	100°	f	220°