

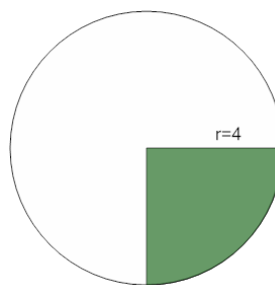


Math worksheet on 'Area of a Circle Sector From Area to Angle (Closest Integer) (Level 1)'. Part of a broader unit on 'Geometry - Circle Area, Sectors and Donuts - Intro'

Learn online:

[app.mobius.academy/math/units/geometry\\_circles\\_sector\\_donut\\_area\\_logic\\_intro/](http://app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/)

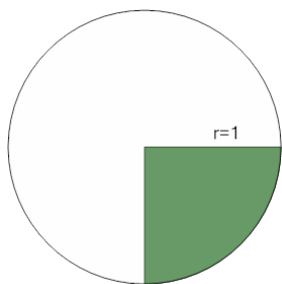
1



A sector with area 12.57 in a circle of radius 4 has what sector angle?

<b>a</b>	90°	<b>b</b>	180°
<b>c</b>	45°	<b>d</b>	135°
<b>e</b>	450°	<b>f</b>	225°

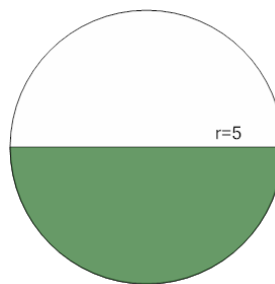
2



A sector with area 0.79 in a circle of radius 1 has what sector angle?

<b>a</b>	180°	<b>b</b>	135°
<b>c</b>	495°	<b>d</b>	315°
<b>e</b>	90°	<b>f</b>	45°

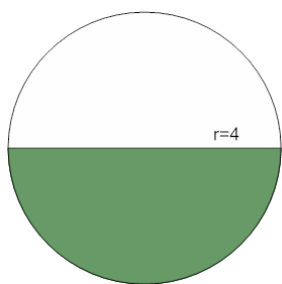
3



A sector with area 39.27 in a circle of radius 5 has what sector angle?

<b>a</b>	720°	<b>b</b>	810°
<b>c</b>	450°	<b>d</b>	270°
<b>e</b>	180°	<b>f</b>	360°

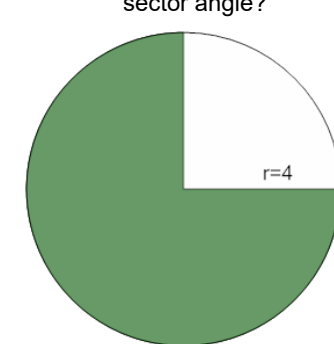
4



A sector with area 25.13 in a circle of radius 4 has what sector angle?

<b>a</b>	990°	<b>b</b>	810°
<b>c</b>	720°	<b>d</b>	180°
<b>e</b>	360°	<b>f</b>	450°

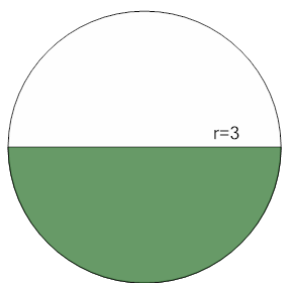
5



A sector with area 37.7 in a circle of radius 4 has what sector angle?

<b>a</b>	945°	<b>b</b>	1,080°
<b>c</b>	1,485°	<b>d</b>	270°
<b>e</b>	540°	<b>f</b>	675°

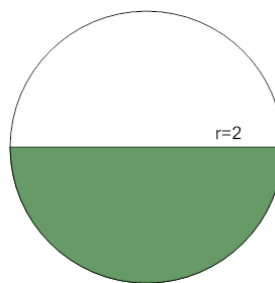
6



A sector with area 14.14 in a circle of radius 3 has what sector angle?

<b>a</b>	720°	<b>b</b>	90°
<b>c</b>	360°	<b>d</b>	630°
<b>e</b>	180°	<b>f</b>	450°

7



A sector with area 6.28 in a circle of radius 2 has what sector angle?

<b>a</b>	990°	<b>b</b>	360°
<b>c</b>	270°	<b>d</b>	180°
<b>e</b>	810°	<b>f</b>	450°