

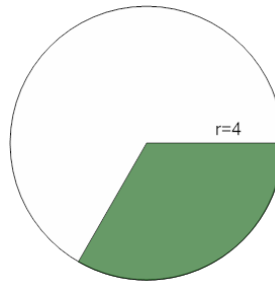


Math worksheet on 'Area of a Circle Sector From Area to Fraction (Closest Integer) (Level 3)'. Part of a broader unit on 'Geometry - Circle Area, Sectors and Donuts - Intro'

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/)

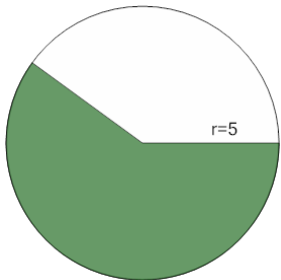
1



A sector with area 16.76 is what fraction of a circle with radius 4?

<b>a</b>	6	<b>b</b>	$\frac{1}{3}$
<b>c</b>	3	<b>d</b>	$\frac{8}{3}$

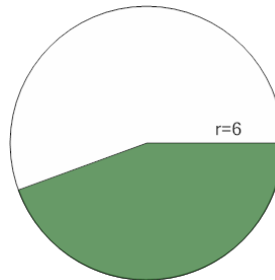
2



A sector with area 47.12 is what fraction of a circle with radius 5?

<b>a</b>	$\frac{3}{5}$	<b>b</b>	$\frac{5}{7}$
<b>c</b>	$\frac{10}{3}$	<b>d</b>	$\frac{5}{4}$
<b>e</b>	$\frac{3}{2}$		

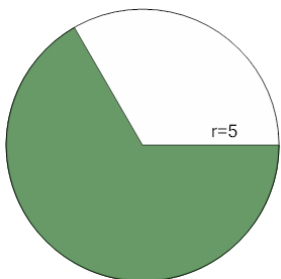
3



A sector with area 50.27 is what fraction of a circle with radius 6?

<b>a</b>	$\frac{4}{9}$	<b>b</b>	$\frac{1}{5}$
<b>c</b>	$\frac{6}{7}$	<b>d</b>	$\frac{5}{6}$
<b>e</b>	$\frac{9}{10}$		

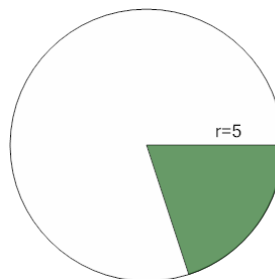
4



A sector with area 52.36 is what fraction of a circle with radius 5?

<b>a</b>	3	<b>b</b>	$\frac{2}{3}$
<b>c</b>	$\frac{3}{2}$	<b>d</b>	7

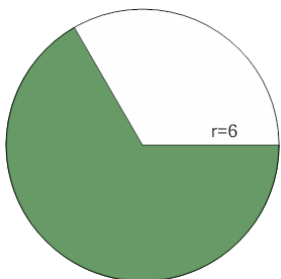
5



A sector with area 15.71 is what fraction of a circle with radius 5?

<b>a</b>	$\frac{1}{5}$	<b>b</b>	$\frac{9}{10}$
<b>c</b>	1	<b>d</b>	$\frac{8}{11}$
<b>e</b>	4		

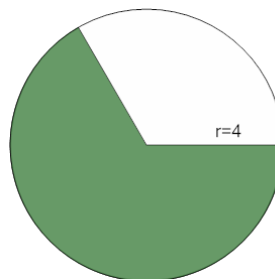
6



A sector with area 75.4 is what fraction of a circle with radius 6?

<b>a</b>	$\frac{1}{14}$	<b>b</b>	$\frac{3}{14}$
<b>c</b>	$\frac{1}{6}$	<b>d</b>	$\frac{2}{3}$
<b>e</b>	2		

7



A sector with area 33.51 is what fraction of a circle with radius 4?

<b>a</b>	$\frac{7}{5}$	<b>b</b>	$\frac{5}{4}$
<b>c</b>	$\frac{2}{3}$	<b>d</b>	$\frac{5}{12}$
<b>e</b>	$\frac{2}{5}$		