

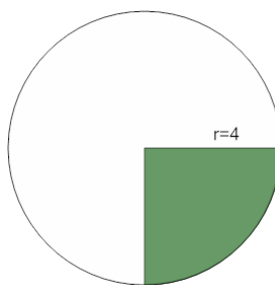


Math worksheet on 'Area of a Circle Sector From Area to Fraction (Equation) (Level 1)'. Part of a broader unit on 'Geometry - Circle Area, Sectors and Donuts - Intro'

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/)

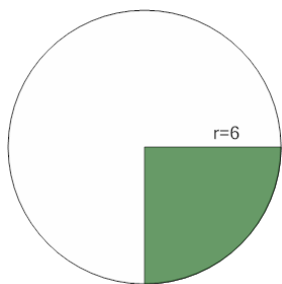
1



Find what fraction a sector with area  $4\pi$  is of a circle with radius 4

a	1	b	$\frac{9}{10}$
c	$\frac{1}{4}$	d	$\frac{7}{12}$
e	$\frac{4}{3}$		

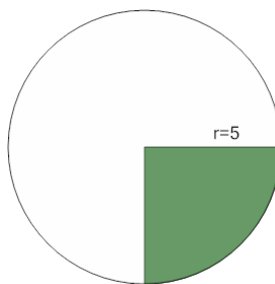
2



Find what fraction a sector with area  $9\pi$  is of a circle with radius 6

a	$\frac{1}{4}$	b	$\frac{6}{7}$
c	2	d	1

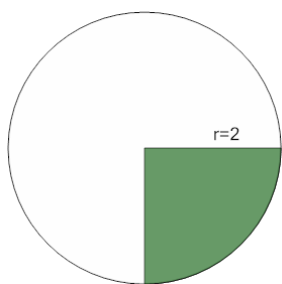
3



Find what fraction a sector with area  $\frac{25}{4}\pi$  is of a circle with radius 5

a	$\frac{5}{2}$	b	$\frac{1}{4}$
c	$\frac{2}{3}$	d	$\frac{8}{11}$
e	$\frac{5}{13}$		

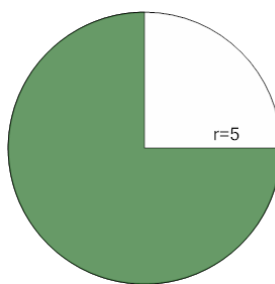
4



Find what fraction a sector with area  $1\pi$  is of a circle with radius 2

a	$\frac{1}{4}$	b	$\frac{9}{13}$
c	$\frac{8}{7}$	d	$\frac{2}{3}$
e	$\frac{1}{2}$		

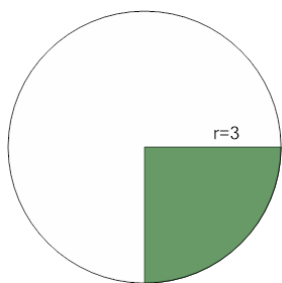
5



Find what fraction a sector with area  $\frac{75}{4}\pi$  is of a circle with radius 5

a	$\frac{3}{4}$	b	$\frac{2}{3}$
c	4	d	$\frac{5}{3}$
e	$\frac{8}{3}$		

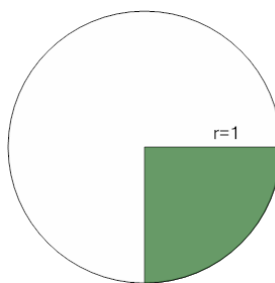
6



Find what fraction a sector with area  $\frac{9}{4}\pi$  is of a circle with radius 3

a	$\frac{2}{3}$	b	$\frac{1}{4}$
c	6	d	4
e	$\frac{5}{11}$		

7



Find what fraction a sector with area  $\frac{1}{4}\pi$  is of a circle with radius 1

a	$\frac{2}{5}$	b	$\frac{2}{3}$
c	$\frac{9}{11}$	d	$\frac{1}{4}$
e	5		