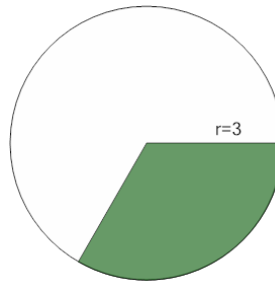# mobius

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

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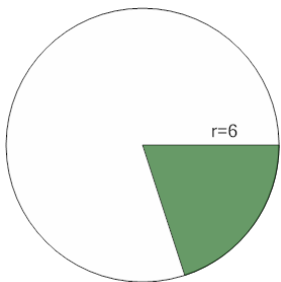app.mobius.academy/math/units/geometry_circles_sector_donut_area_logic_intro/

1

A sector with area 9.42 is what fraction of a circle with radius 3?

a	$\frac{1}{3}$	**b**	$\frac{8}{11}$
c	$\frac{8}{5}$	**d**	4

2

A sector with area 22.62 is what fraction of a circle with radius 6?

a	$\frac{4}{3}$	**b**	$\frac{3}{4}$
c	7	**d**	$\frac{1}{5}$
e	$\frac{4}{7}$		

3
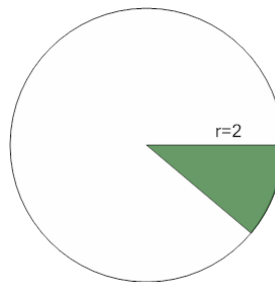
A sector with area 1.4 is what fraction of a circle with radius 2?

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

4
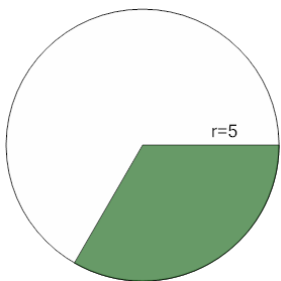
A sector with area 26.18 is what fraction of a circle with radius 5?

a	$\frac{1}{3}$	**b**	$\frac{7}{5}$
c	$\frac{5}{6}$	**d**	1
e	2		

5
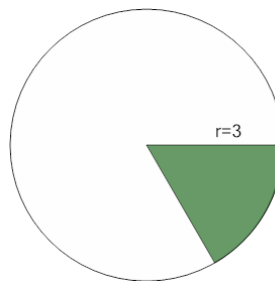
A sector with area 4.71 is what fraction of a circle with radius 3?

a	$\frac{1}{6}$	**b**	3
c	$\frac{9}{2}$	**d**	$\frac{8}{3}$
e	$\frac{2}{7}$		

6
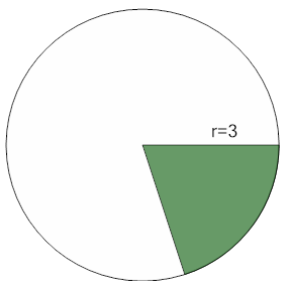
A sector with area 5.65 is what fraction of a circle with radius 3?

a	3	**b**	$\frac{1}{5}$
c	$\frac{5}{9}$	**d**	1
e	$\frac{5}{3}$		

7
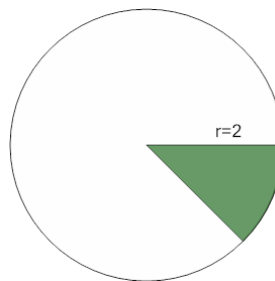
A sector with area 1.57 is what fraction of a circle with radius 2?

a	$\frac{5}{12}$	**b**	$\frac{1}{8}$
c	$\frac{1}{7}$	**d**	$\frac{5}{3}$
e	1		