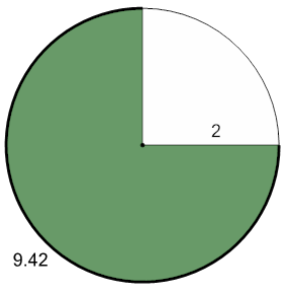
Math worksheet on *'Circumference of a Part Circle - Radius and Arc Length to Fraction (Decimal) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Partial Area and Circumference - Intro'*

Learn online:

app.mobius.academy/math/units/geometry_circles_partial_perimeter_area_intro/

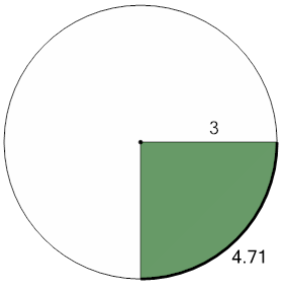
1



What fraction of the circle's circumference has an arc length of 9.42 if the radius is 2?

a	$\frac{2}{3}$	**b**	$\frac{3}{4}$
c	1	**d**	$\frac{1}{6}$

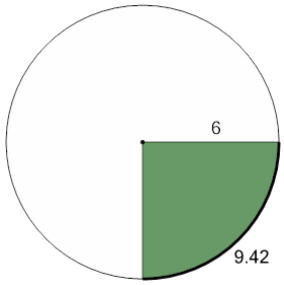
2



What fraction of the circle's circumference has an arc length of 4.71 if the radius is 3?

a	$\frac{1}{4}$	**b**	1
c	$\frac{3}{5}$	**d**	$\frac{1}{2}$
e	$\frac{3}{10}$		

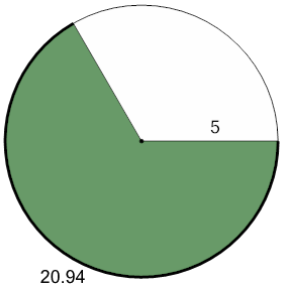
3



What fraction of the circle's circumference has an arc length of 9.42 if the radius is 6?

a	$\frac{2}{5}$	**b**	$\frac{1}{8}$
c	$\frac{1}{2}$	**d**	$\frac{1}{4}$
e	$\frac{1}{10}$		

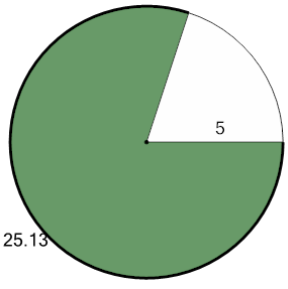
4



What fraction of the circle's circumference has an arc length of 20.94 if the radius is 5?

a	$\frac{2}{5}$	**b**	1
c	$\frac{5}{8}$	**d**	$\frac{2}{3}$
e	$\frac{5}{6}$		

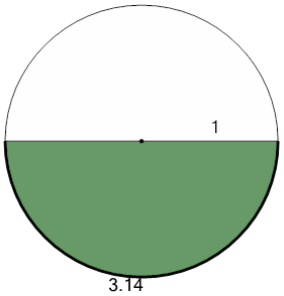
5



What fraction of the circle's circumference has an arc length of 25.13 if the radius is 5?

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

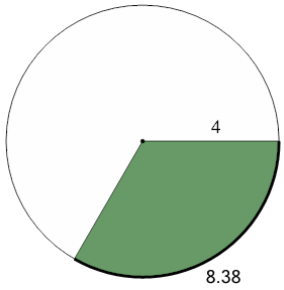
6



What fraction of the circle's circumference has an arc length of 3.14 if the radius is 1?

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

7



What fraction of the circle's circumference has an arc length of 8.38 if the radius is 4?

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