



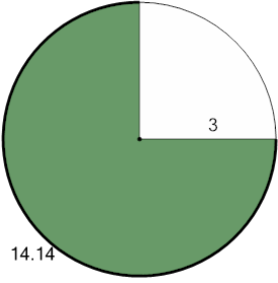
Math worksheet on 'Area of a Part Circle - Radius and Arc Length to Fraction (Decimal) (Level 1)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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

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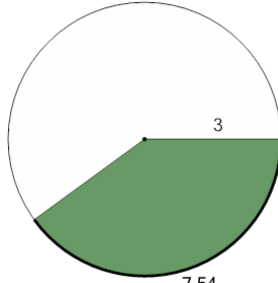
What fraction of the circle's area is shaded if the radius is 3 and the arc length is 14.14?



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

3

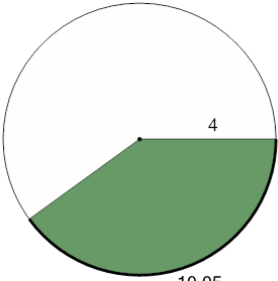
What fraction of the circle's area is shaded if the radius is 3 and the arc length is 7.54?



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

4

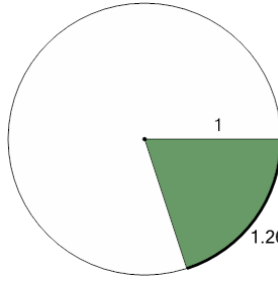
What fraction of the circle's area is shaded if the radius is 4 and the arc length is 10.05?



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

5

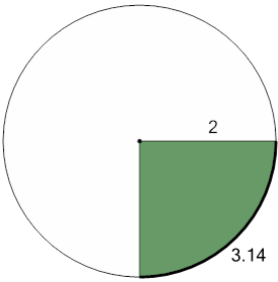
What fraction of the circle's area is shaded if the radius is 1 and the arc length is 1.26?



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

6

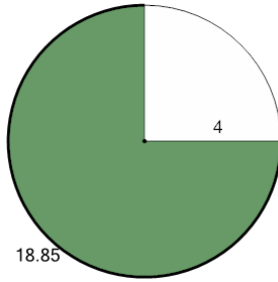
What fraction of the circle's area is shaded if the radius is 2 and the arc length is 3.14?



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

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What fraction of the circle's area is shaded if the radius is 4 and the arc length is 18.85?



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