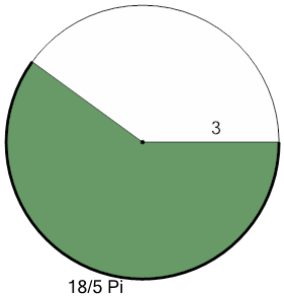
Math worksheet on *'Circumference of a Part Circle - Radius and Arc Length to Fraction (Pi Value) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Partial Area and Circumference - Intro'*

Learn online:

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

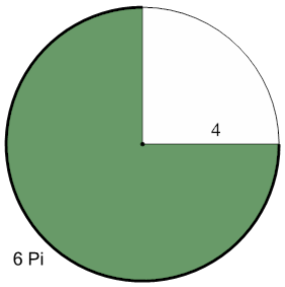
1



What fraction of the circle's circumference has an arc length of 18/5π if the radius is 3?

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

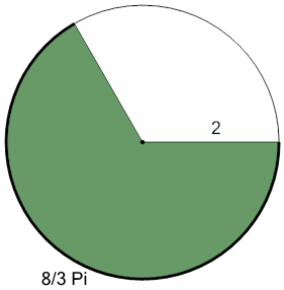
2



What fraction of the circle's circumference has an arc length of 6π if the radius is 4?

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

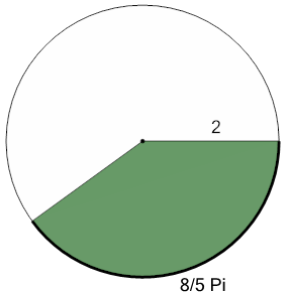
3



What fraction of the circle's circumference has an arc length of 8/3π if the radius is 2?

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

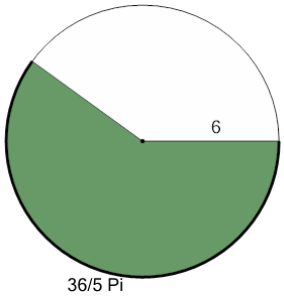
4



What fraction of the circle's circumference has an arc length of 8/5π if the radius is 2?

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

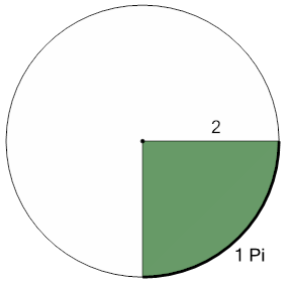
5



What fraction of the circle's circumference has an arc length of 36/5π if the radius is 6?

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

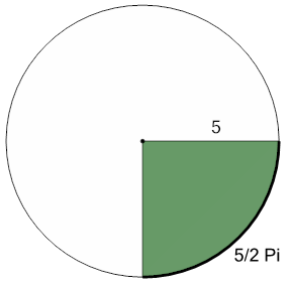
6



What fraction of the circle's circumference has an arc length of 1π if the radius is 2?

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

7



What fraction of the circle's circumference has an arc length of 5/2π if the radius is 5?

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