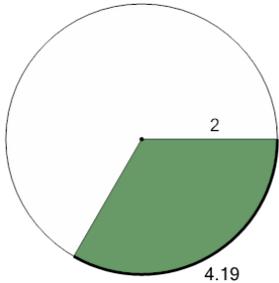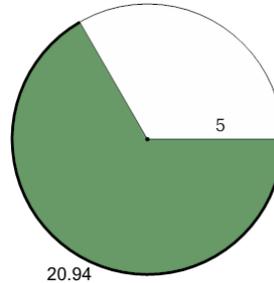# Circumference of a Part Circle - Radius and Arc Length to Fraction (Decimal)

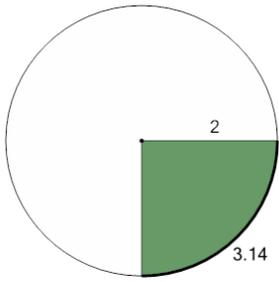**1** What fraction of the circle's circumference has an arc length of 4.19 if the radius is 2?

A	$\dfrac{1}{3}$	B	$\dfrac{3}{10}$
C	$\dfrac{1}{5}$	D	$\dfrac{3}{8}$

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

A	$\dfrac{1}{6}$	B	$\dfrac{1}{5}$
C	$\dfrac{2}{3}$	D	$\dfrac{1}{2}$
E	$\dfrac{5}{8}$		

3 What fraction of the circle's circumference has an arc length of 3.14 if the radius is 2?

A	$\dfrac{3}{10}$	B	1
C	$\dfrac{1}{5}$	D	$\dfrac{1}{4}$
E	$\dfrac{1}{2}$		
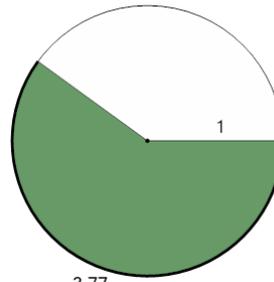
4 What fraction of the circle's circumference has an arc length of 3.77 if the radius is 1?

A	$\dfrac{3}{5}$	B	1
C	$\dfrac{3}{4}$	D	$\dfrac{4}{3}$
E	$\dfrac{6}{5}$		
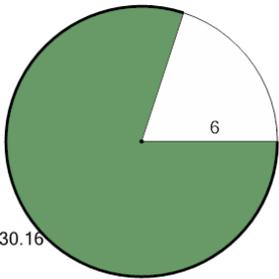
5 What fraction of the circle's circumference has an arc length of 30.16 if the radius is 6?

A	$\dfrac{9}{8}$	B	4
C	$\dfrac{9}{5}$	D	$\dfrac{1}{6}$
E	$\dfrac{4}{5}$		
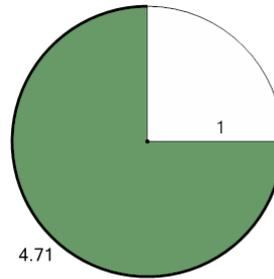
6 What fraction of the circle's circumference has an arc length of 4.71 if the radius is 1?

A	$\dfrac{1}{8}$	B	3
C	$\dfrac{3}{4}$	D	$\dfrac{7}{4}$
E	$\dfrac{6}{5}$		
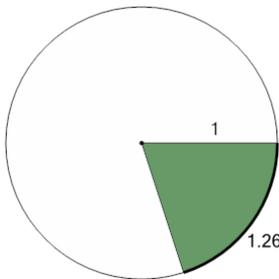
7 What fraction of the circle's circumference has an arc length of 1.26 if the radius is 1?

A	$\dfrac{1}{3}$	B	$\dfrac{1}{5}$
C	$\dfrac{1}{6}$	D	$\dfrac{1}{4}$
E	1		
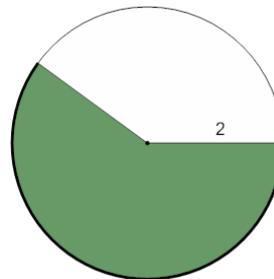
8 What fraction of the circle's circumference has an arc length of 7.54 if the radius is 2?

A	$\dfrac{3}{5}$	B	3
C	$\dfrac{1}{4}$	D	$\dfrac{3}{2}$
E	$\dfrac{1}{5}$		

Learn online at www.mobius.academy