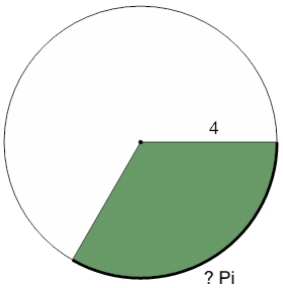
Name

Circumference of a Part Circle - Radius and Fraction to Arc Length (Pi Value)

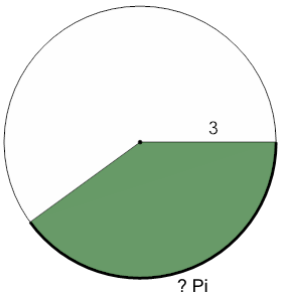
1



What is the arc length of 1/3 of the circle's circumference if the radius is 4?

A	$\frac{5}{3}\pi$	B	$\frac{8}{3}\pi$
C	$\frac{6}{5}\pi$	D	4π
E	$\frac{12}{5}\pi$		

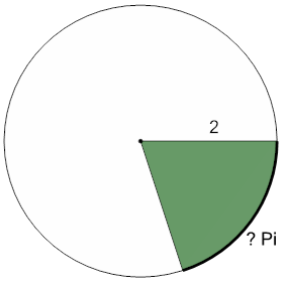
2



What is the arc length of 2/5 of the circle's circumference if the radius is 3?

A	$\frac{12}{5}\pi$	B	3π
C	$\frac{25}{6}\pi$	D	$\frac{21}{2}\pi$

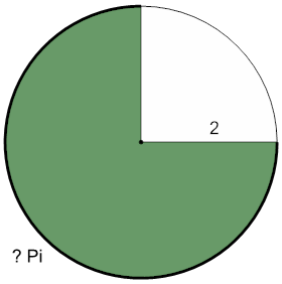
3



What is the arc length of 1/5 of the circle's circumference if the radius is 2?

A	$\frac{4}{3}\pi$	B	$\frac{4}{5}\pi$
C	$\frac{1}{3}\pi$	D	$\frac{3}{4}\pi$
E	1π		

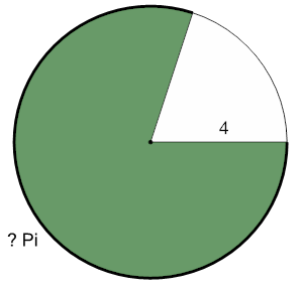
4



What is the arc length of 3/4 of the circle's circumference if the radius is 2?

A	$\frac{1}{2}\pi$	B	$\frac{7}{2}\pi$
C	$\frac{1}{5}\pi$	D	1π
E	3π		

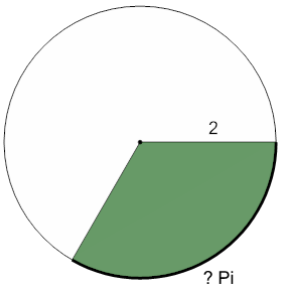
5



What is the arc length of 4/5 of the circle's circumference if the radius is 4?

A	$\frac{32}{5}\pi$	B	$\frac{11}{3}\pi$
C	$\frac{47}{5}\pi$	D	$\frac{59}{6}\pi$
E	$\frac{5}{2}\pi$		

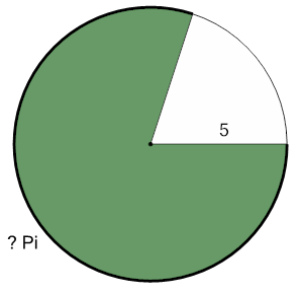
6



What is the arc length of 1/3 of the circle's circumference if the radius is 2?

A	2π	B	$\frac{4}{3}\pi$
C	$\frac{5}{8}\pi$	D	$\frac{7}{5}\pi$
E	$\frac{3}{5}\pi$		

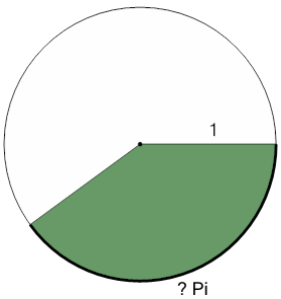
7



What is the arc length of 4/5 of the circle's circumference if the radius is 5?

A	8π	B	$\frac{1}{3}\pi$
C	2π	D	$\frac{8}{3}\pi$
E	$\frac{5}{2}\pi$		

8



What is the arc length of 2/5 of the circle's circumference if the radius is 1?

A	$\frac{1}{4}\pi$	B	$\frac{1}{5}\pi$
C	$\frac{9}{8}\pi$	D	$\frac{4}{5}\pi$
E	3π		