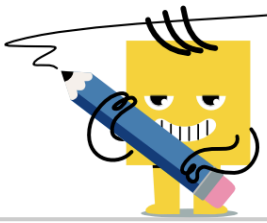
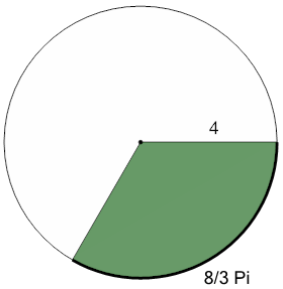
Name

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



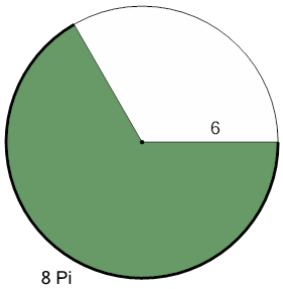
1



What fraction of the circle's area is shaded if the radius is 4 and the arc length is 8/3π?

A	$\frac{3}{10}$	B	$\frac{1}{4}$
C	$\frac{1}{2}$	D	$\frac{1}{3}$

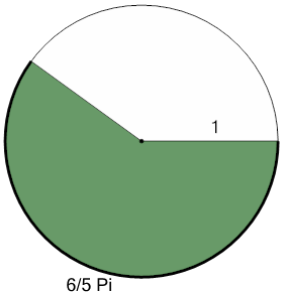
2



What fraction of the circle's area is shaded if the radius is 6 and the arc length is 8π?

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

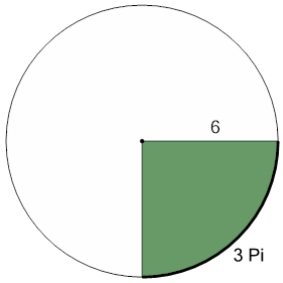
3



What fraction of the circle's area is shaded if the radius is 1 and the arc length is 6/5π?

A	$\frac{5}{6}$	B	$\frac{1}{2}$
C	$\frac{1}{4}$	D	$\frac{3}{2}$
E	$\frac{3}{5}$		

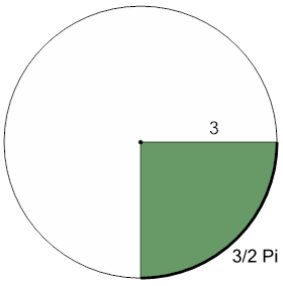
4



What fraction of the circle's area is shaded if the radius is 6 and the arc length is 3π?

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

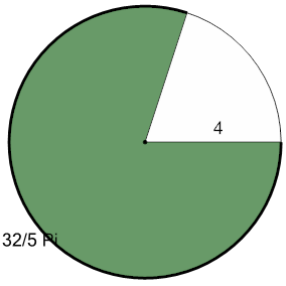
5



What fraction of the circle's area is shaded if the radius is 3 and the arc length is 3/2π?

A	$\frac{1}{4}$	B	$\frac{2}{5}$
C	$\frac{3}{4}$	D	$\frac{1}{2}$
E	$\frac{1}{8}$		

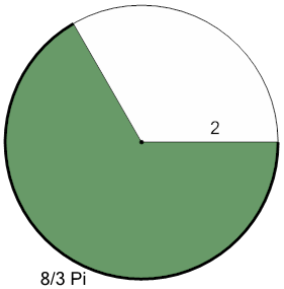
6



What fraction of the circle's area is shaded if the radius is 4 and the arc length is 32/5π?

A	$\frac{7}{10}$	B	$\frac{9}{5}$
C	$\frac{3}{4}$	D	2
E	$\frac{4}{5}$		

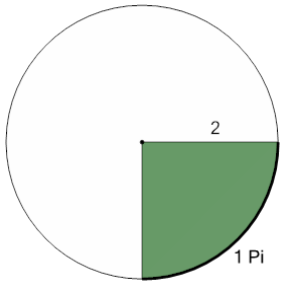
7



What fraction of the circle's area is shaded if the radius is 2 and the arc length is 8/3π?

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

8



What fraction of the circle's area is shaded if the radius is 2 and the arc length is 1π?

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