

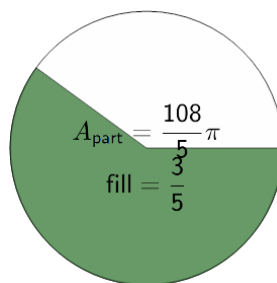


Math worksheet on 'Area of a Part Circle - Part Area and Fraction to Full Area (Pi Value) (Level 2)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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

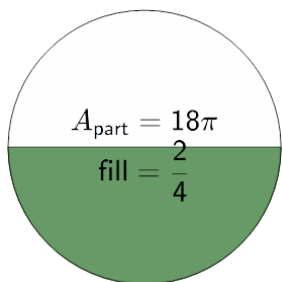
1



The area of the green shaded $\frac{3}{5}$ sector is $\frac{108}{5}\pi$. What is the area of the full circle?

a	36π	b	$\frac{63}{5}\pi$
c	$\frac{54}{5}\pi$	d	6π
e	$\frac{27}{5}\pi$		

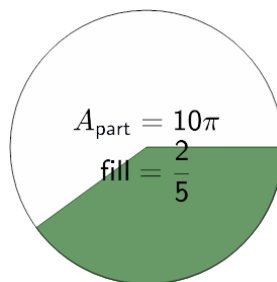
2



The area of the green shaded $\frac{2}{4}$ sector is 18π . What is the area of the full circle?

a	36π	b	$\frac{9}{4}\pi$
c	$\frac{39}{4}\pi$	d	6π
e	$\frac{33}{4}\pi$		

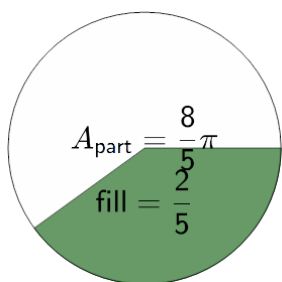
3



The area of the green shaded $\frac{2}{5}$ sector is 10π . What is the area of the full circle?

a	$\frac{17}{5}\pi$	b	25π
c	7π	d	3π
e	1π		

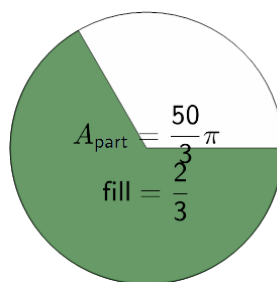
4



The area of the green shaded $\frac{2}{5}$ sector is $\frac{8}{5}\pi$. What is the area of the full circle?

a	$\frac{9}{5}\pi$	b	$\frac{2}{5}\pi$
c	$\frac{1}{5}\pi$	d	4π

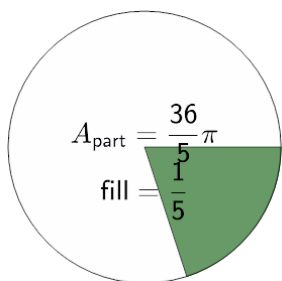
5



The area of the green shaded $\frac{2}{3}$ sector is $\frac{50}{3}\pi$. What is the area of the full circle?

a	$\frac{41}{3}\pi$	b	25π
c	$\frac{43}{3}\pi$	d	$\frac{17}{3}\pi$
e	$\frac{29}{3}\pi$		

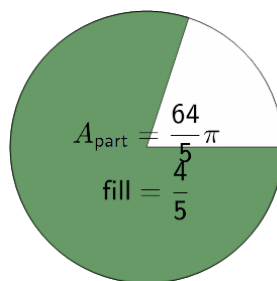
6



The area of the green shaded $\frac{1}{5}$ sector is $\frac{36}{5}\pi$. What is the area of the full circle?

a	6π	b	$\frac{57}{5}\pi$
c	$\frac{63}{5}\pi$	d	36π
e	$\frac{54}{5}\pi$		

7



The area of the green shaded $\frac{4}{5}$ sector is $\frac{64}{5}\pi$. What is the area of the full circle?

a	3π	b	16π
c	$\frac{19}{5}\pi$	d	$\frac{7}{5}\pi$
e	$\frac{18}{5}\pi$		