

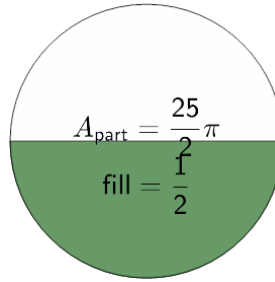


Math worksheet on 'Area of a Part Circle - Part Area and Fraction to Full Area (Pi Value) (Level 1)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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

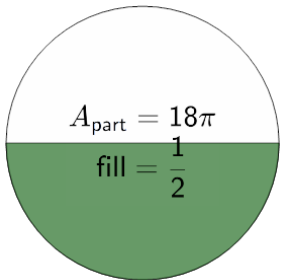
1



The area of the green shaded 1/2 sector is $25/2\pi$. What is the area of the full circle?

a	25π	b	$\frac{43}{2}\pi$
c	$\frac{9}{2}\pi$	d	$\frac{21}{2}\pi$
e	$\frac{19}{2}\pi$		

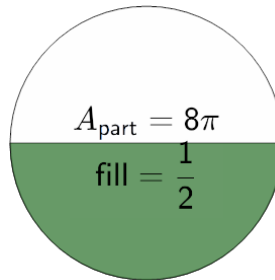
2



The area of the green shaded 1/2 sector is 18π . What is the area of the full circle?

a	36π	b	$\frac{9}{2}\pi$
c	9π	d	$\frac{39}{2}\pi$

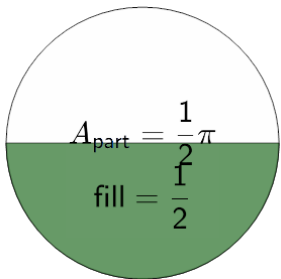
3



The area of the green shaded 1/2 sector is 8π . What is the area of the full circle?

a	6π	b	$\frac{9}{2}\pi$
c	16π	d	7π

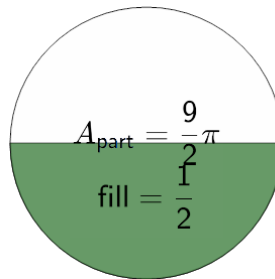
4



The area of the green shaded 1/2 sector is $1/2\pi$. What is the area of the full circle?

a	1π	b	$\frac{9}{2}\pi$
c	$\frac{3}{2}\pi$	d	3π

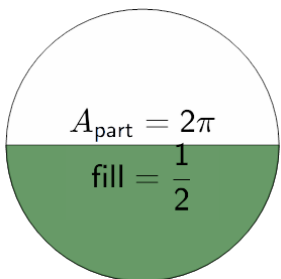
5



The area of the green shaded 1/2 sector is $9/2\pi$. What is the area of the full circle?

a	$\frac{15}{2}\pi$	b	3π
c	9π	d	$\frac{1}{2}\pi$

6



The area of the green shaded 1/2 sector is 2π . What is the area of the full circle?

a	4π	b	1π
c	$\frac{13}{2}\pi$	d	$\frac{9}{2}\pi$
e	5π		