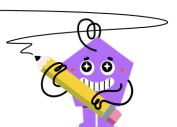
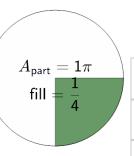


## mobius

## Area of a Part Circle - Part Area and Fraction to Full Area (Pi Value)



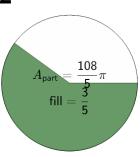
1



The area of the green shaded 1/4 sector is  $1\pi$ . What is the area of the full circle?

Α	$3\pi$	В	$rac{7}{4}\pi$	
С	$4\pi$	D	$2\pi$	
Е	$\frac{13}{4}\pi$			

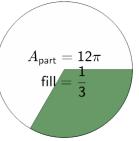
2



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

A	$\frac{27}{5}\pi$	В	$rac{6}{5}\pi$	
С	$36\pi$	D	$rac{12}{5}\pi$	

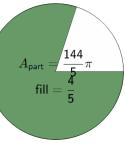
3



The area of the green shaded 1/3 sector is  $12\pi$ . What is the area of the full circle?

A	$36\pi$	В	$3\pi$
С	$4\pi$	D	$16\pi$
E	$6\pi$		

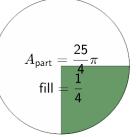
4



The area of the green shaded 4/5 sector is  $144/5\pi$ . What is the area of the full circle?

Α	$36\pi$	В	$6\pi$	
С	$rac{42}{5}\pi$	D	$rac{51}{5}\pi$	

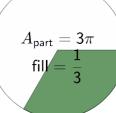
5



The area of the green shaded 1/4 sector is  $25/4\pi$ . What is the area of the full circle?

A	$25\pi$	В	$\frac{27}{4}\pi$
С	$rac{7}{4}\pi$	D	$rac{41}{4}\pi$
E	$rac{13}{4}\pi$		

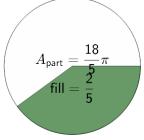
6



The area of the green shaded 1/3 sector is 3π. What is the area of the full circle?

Α	$rac{5}{3}\pi$	В	$9\pi$	
С	$\frac{10}{3}\pi$	D	$rac{1}{3}\pi$	

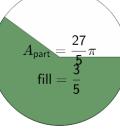
7



The area of the green shaded 2/5 sector is 18/5π. What is the area of the full circle?

Α	$rac{3}{5}\pi$	В	$9\pi$	
С	$rac{18}{5}\pi$	D	$rac{1}{5}\pi$	
E	$rac{11}{5}\pi$			

8



The area of the green shaded 3/5 sector is 27/5π. What is the area of the full circle?

Α	$rac{3}{5}\pi$	В	$9\pi$	
С	$rac{16}{5}\pi$	D	$rac{7}{5}\pi$	
E	$1\pi$			