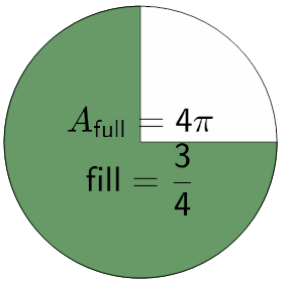
Name

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

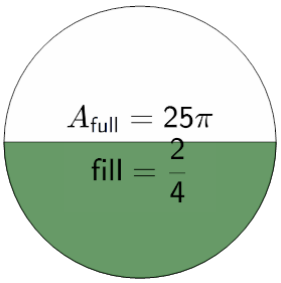
1



The area of the full circle is 4π. What is the area of the green shaded 3/4 sector ?

A	3π	B	$\frac{17}{4}\pi$
C	$\frac{19}{4}\pi$	D	$\frac{9}{2}\pi$
E	1π		

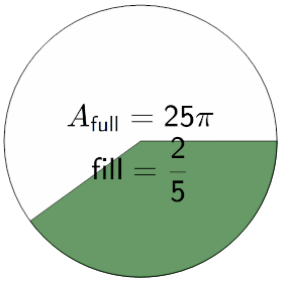
2



The area of the full circle is 25π. What is the area of the green shaded 2/4 sector ?

A	$\frac{15}{4}\pi$	B	$\frac{25}{2}\pi$
C	$\frac{5}{4}\pi$	D	$\frac{45}{4}\pi$

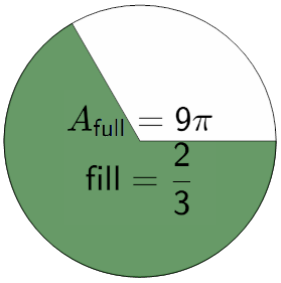
3



The area of the full circle is 25π. What is the area of the green shaded 2/5 sector ?

A	4π	B	2π
C	10π	D	16π
E	5π		

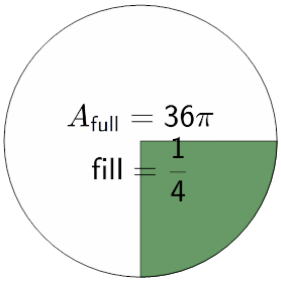
4



The area of the full circle is 9π. What is the area of the green shaded 2/3 sector ?

A	$\frac{25}{3}\pi$	B	$\frac{26}{3}\pi$
C	6π	D	$\frac{16}{3}\pi$
E	$\frac{14}{3}\pi$		

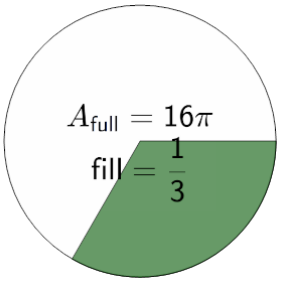
5



The area of the full circle is 36π. What is the area of the green shaded 1/4 sector ?

A	$\frac{33}{4}\pi$	B	$\frac{57}{4}\pi$
C	$\frac{27}{4}\pi$	D	9π
E	12π		

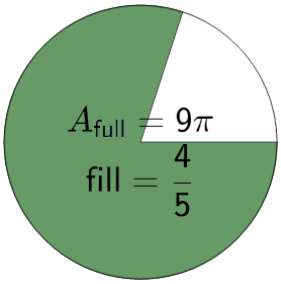
6



The area of the full circle is 16π. What is the area of the green shaded 1/3 sector ?

A	$\frac{16}{3}\pi$	B	7π
C	4π	D	$\frac{7}{3}\pi$

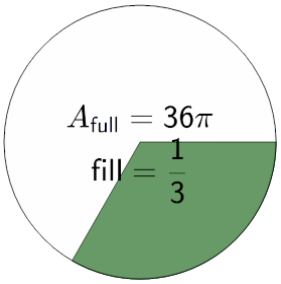
7



The area of the full circle is 9π. What is the area of the green shaded 4/5 sector ?

A	6π	B	$\frac{36}{5}\pi$
C	$\frac{63}{5}\pi$	D	9π
E	$\frac{18}{5}\pi$		

8



The area of the full circle is 36π. What is the area of the green shaded 1/3 sector ?

A	5π	B	3π
C	19π	D	12π