

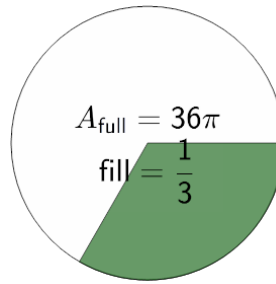


Math worksheet on 'Area of a Part Circle - Full Area and Fraction to Part Area (Pi Value) (Level 2)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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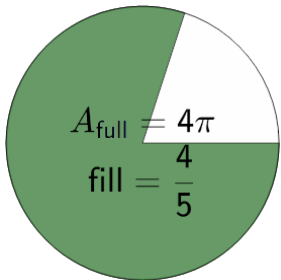
1



The area of the full circle is 36π . What is the area of the green shaded $\frac{1}{3}$ sector ?

a	5π	b	8π
c	16π	d	12π
e	3π		

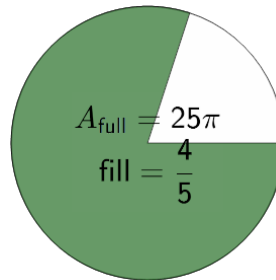
2



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

a	$\frac{16}{5}\pi$	b	$\frac{6}{5}\pi$
c	5π	d	3π

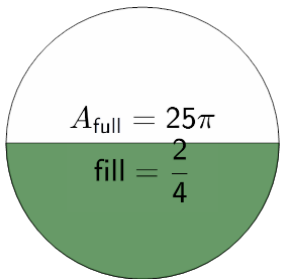
3



The area of the full circle is 25π . What is the area of the green shaded $\frac{4}{5}$ sector ?

a	20π	b	2π
c	16π	d	28π

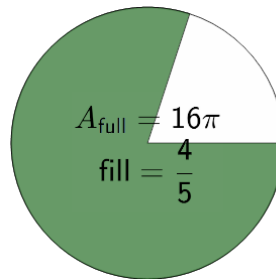
4



The area of the full circle is 25π . What is the area of the green shaded $\frac{2}{4}$ sector ?

a	$\frac{35}{4}\pi$	b	15π
c	$\frac{25}{2}\pi$	d	$\frac{5}{4}\pi$

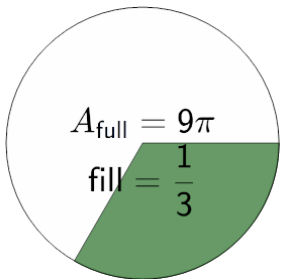
5



The area of the full circle is 16π . What is the area of the green shaded $\frac{4}{5}$ sector ?

a	14π	b	$\frac{106}{5}\pi$
c	$\frac{64}{5}\pi$	d	8π
e	$\frac{112}{5}\pi$		

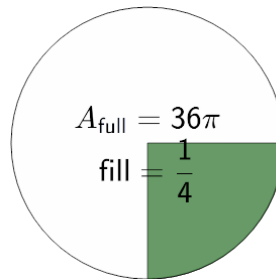
6



The area of the full circle is 9π . What is the area of the green shaded $\frac{1}{3}$ sector ?

a	$\frac{10}{3}\pi$	b	$\frac{2}{3}\pi$
c	$\frac{1}{3}\pi$	d	3π
e	6π		

7



The area of the full circle is 36π . What is the area of the green shaded $\frac{1}{4}$ sector ?

a	$\frac{3}{2}\pi$	b	12π
c	9π	d	$\frac{45}{4}\pi$