

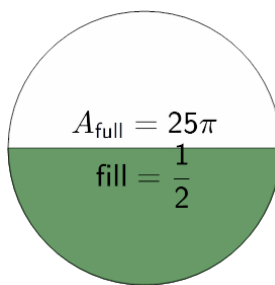


Math worksheet on 'Area of a Part Circle - Full Area and Fraction to Part Area (Pi Value) (Level 1)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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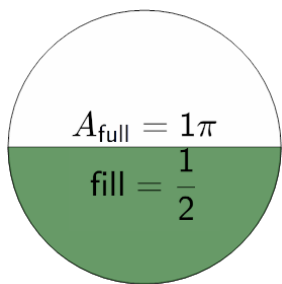
1



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

<b>a</b>	$\frac{19}{2}\pi$	<b>b</b>	$\frac{11}{2}\pi$
<b>c</b>	$\frac{15}{2}\pi$	<b>d</b>	$\frac{23}{2}\pi$
<b>e</b>	$\frac{25}{2}\pi$		

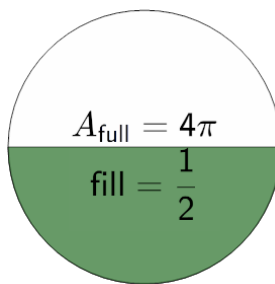
2



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

<b>a</b>	$\frac{3}{2}\pi$	<b>b</b>	$3\pi$
<b>c</b>	$\frac{9}{2}\pi$	<b>d</b>	$2\pi$
<b>e</b>	$\frac{1}{2}\pi$		

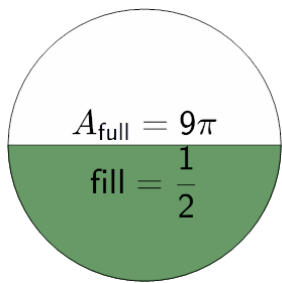
3



The area of the full circle is  $4\pi$ . What is the area of the green shaded  $1/2$  sector ?

<b>a</b>	$2\pi$	<b>b</b>	$3\pi$
<b>c</b>	$\frac{1}{2}\pi$	<b>d</b>	$\frac{3}{2}\pi$

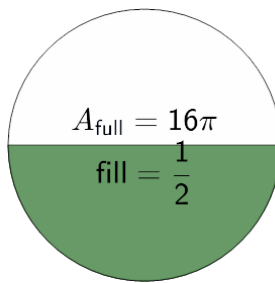
4



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

<b>a</b>	$\frac{7}{2}\pi$	<b>b</b>	$3\pi$
<b>c</b>	$\frac{9}{2}\pi$	<b>d</b>	$\frac{13}{2}\pi$
<b>e</b>	$\frac{1}{2}\pi$		

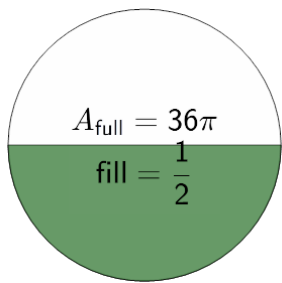
5



The area of the full circle is  $16\pi$ . What is the area of the green shaded  $1/2$  sector ?

<b>a</b>	$8\pi$	<b>b</b>	$\frac{21}{2}\pi$
<b>c</b>	$5\pi$	<b>d</b>	$\frac{23}{2}\pi$
<b>e</b>	$\frac{17}{2}\pi$		

6



The area of the full circle is  $36\pi$ . What is the area of the green shaded  $1/2$  sector ?

<b>a</b>	$\frac{57}{2}\pi$	<b>b</b>	$18\pi$
<b>c</b>	$9\pi$	<b>d</b>	$\frac{15}{2}\pi$
<b>e</b>	$\frac{39}{2}\pi$		