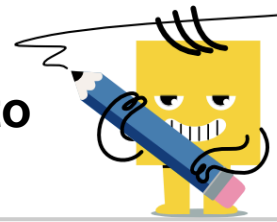
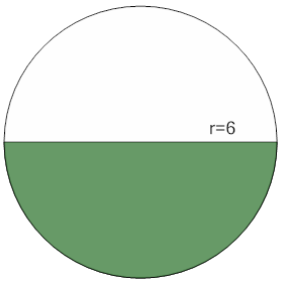
Name

Area of a Circle Sector From Fraction to Area (Equation)



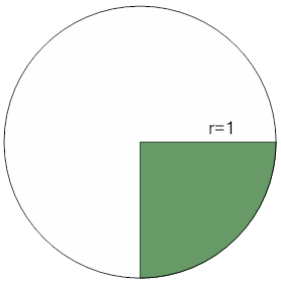
1



Find the area (in terms of π) of the green shaded sector that covers 1/2 of the circle with radius 6

A	32π	B	$\frac{135}{4}\pi$
C	18π	D	$\frac{23}{4}\pi$

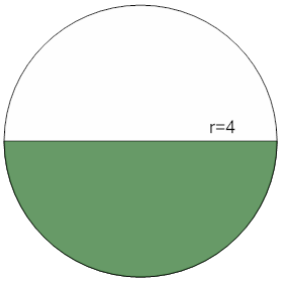
2



Find the area (in terms of π) of the green shaded sector that covers 1/4 of the circle with radius 1

A	$\frac{5}{4}\pi$	B	$\frac{5}{2}\pi$
C	$\frac{1}{4}\pi$	D	$\frac{7}{4}\pi$
E	$\frac{1}{2}\pi$		

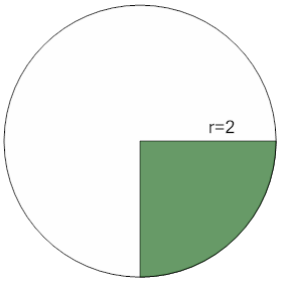
3



Find the area (in terms of π) of the green shaded sector that covers 1/2 of the circle with radius 4

A	$\frac{29}{4}\pi$	B	8π
C	$\frac{17}{4}\pi$	D	$\frac{41}{4}\pi$
E	14π		

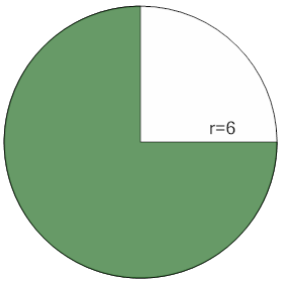
4



Find the area (in terms of π) of the green shaded sector that covers 1/4 of the circle with radius 2

A	1π	B	3π
C	$\frac{1}{2}\pi$	D	$\frac{5}{4}\pi$
E	$\frac{9}{4}\pi$		

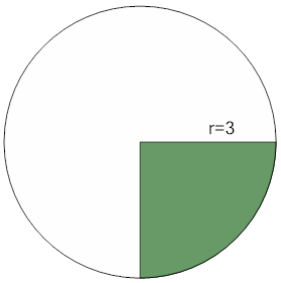
5



Find the area (in terms of π) of the green shaded sector that covers 3/4 of the circle with radius 6

A	$\frac{99}{2}\pi$	B	$\frac{19}{2}\pi$
C	7π	D	27π
E	47π		

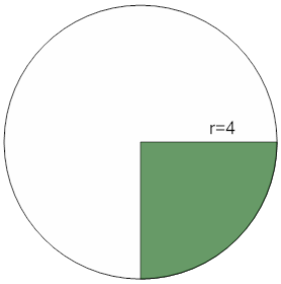
6



Find the area (in terms of π) of the green shaded sector that covers 1/4 of the circle with radius 3

A	$\frac{15}{4}\pi$	B	$\frac{9}{2}\pi$
C	$\frac{1}{4}\pi$	D	$\frac{17}{4}\pi$
E	$\frac{9}{4}\pi$		

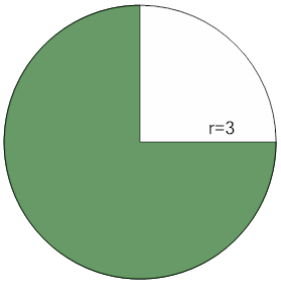
7



Find the area (in terms of π) of the green shaded sector that covers 1/4 of the circle with radius 4

A	$\frac{9}{4}\pi$	B	$\frac{11}{2}\pi$
C	4π	D	2π
E	$\frac{7}{4}\pi$		

8



Find the area (in terms of π) of the green shaded sector that covers 3/4 of the circle with radius 3

A	$\frac{31}{4}\pi$	B	$\frac{43}{4}\pi$
C	$\frac{13}{4}\pi$	D	$\frac{45}{4}\pi$
E	$\frac{27}{4}\pi$		