Math worksheet on *'Area of a Circle Sector From Fraction to Area (Equation) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Area, Sectors and Donuts - Intro'*

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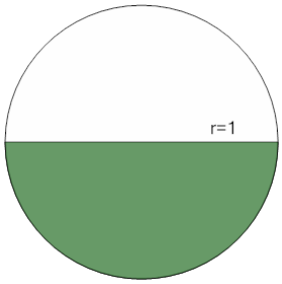
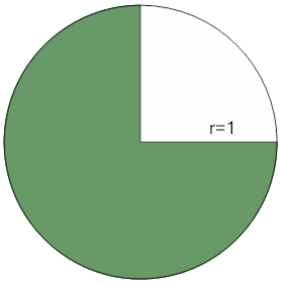
1



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

a	$\frac{3}{4}\pi$	**b**	$\frac{1}{4}\pi$
c	$\frac{5}{2}\pi$	**d**	$\frac{1}{2}\pi$

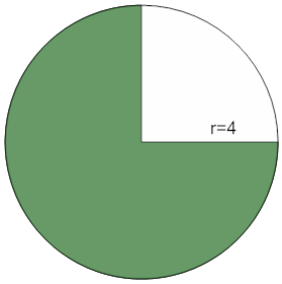
2



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

a	3π	**b**	$\frac{11}{4}\pi$
c	$\frac{5}{4}\pi$	**d**	$\frac{3}{4}\pi$
e	$\frac{5}{2}\pi$		

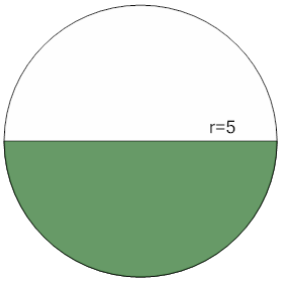
3



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

a	12π	**b**	21π
c	7π	**d**	9π

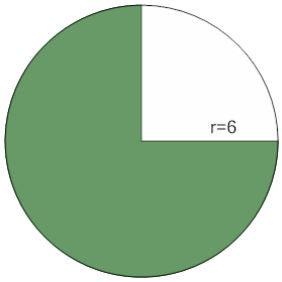
4



Find the area (in terms of π) of the green shaded sector that covers 1/2 of the circle with radius 5

a	$\frac{35}{4}\pi$	**b**	$\frac{25}{2}\pi$
c	$\frac{65}{4}\pi$	**d**	$\frac{45}{4}\pi$
e	$\frac{35}{2}\pi$		

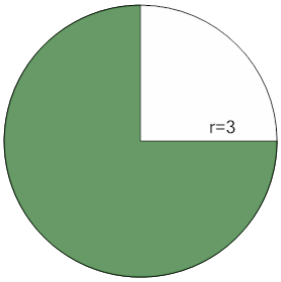
5



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

a	37π	**b**	47π
c	$\frac{99}{2}\pi$	**d**	27π
e	$\frac{59}{2}\pi$		

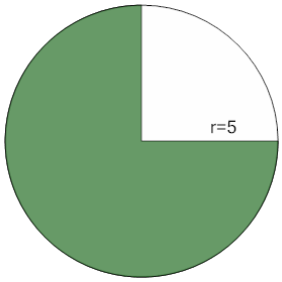
6



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

a	$\frac{11}{4}\pi$	**b**	$\frac{9}{4}\pi$
c	$\frac{33}{4}\pi$	**d**	$\frac{27}{4}\pi$
e	$\frac{23}{4}\pi$		

7



Find the area (in terms of π) of the green shaded sector that covers 3/4 of the circle with radius 5

a	$\frac{33}{4}\pi$	**b**	$\frac{61}{4}\pi$
c	$\frac{103}{4}\pi$	**d**	$\frac{75}{4}\pi$
e	31π		