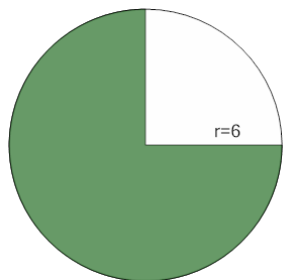


Area of a Circle Sector From Area to Angle (Equation)

1

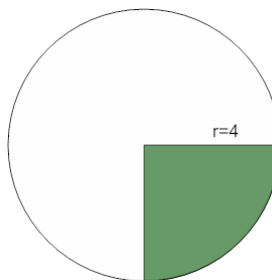
Find the sector angle for a sector with area 27π in a circle of radius 6



A	270°	B	540°
C	675°	D	945°
E	135°	F	810°

2

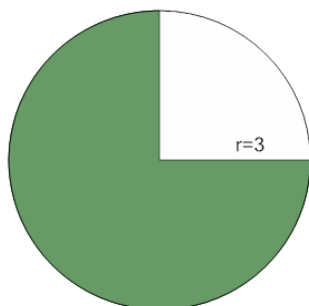
Find the sector angle for a sector with area 4π in a circle of radius 4



A	405°	B	315°
C	270°	D	45°
E	180°	F	90°

3

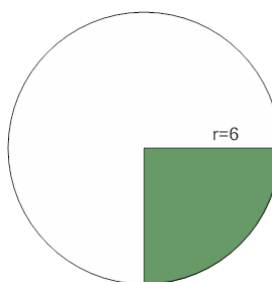
Find the sector angle for a sector with area $27/4\pi$ in a circle of radius 3



A	1,350°	B	945°
C	135°	D	405°
E	270°	F	1,080°

4

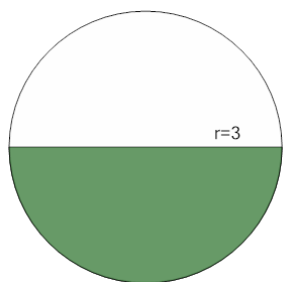
Find the sector angle for a sector with area 9π in a circle of radius 6



A	45°	B	495°
C	360°	D	180°
E	90°	F	225°

5

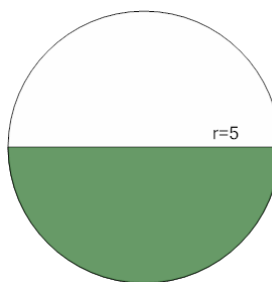
Find the sector angle for a sector with area $9/2\pi$ in a circle of radius 3



A	720°	B	450°
C	180°	D	810°
E	900°	F	630°

6

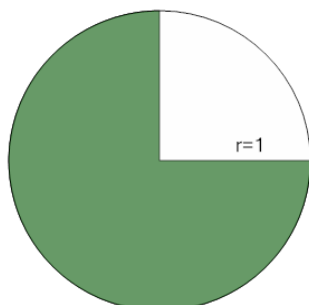
Find the sector angle for a sector with area $25/2\pi$ in a circle of radius 5



A	540°	B	900°
C	180°	D	90°
E	720°	F	450°

7

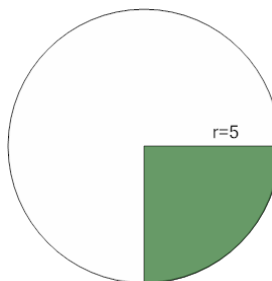
Find the sector angle for a sector with area $3/4\pi$ in a circle of radius 1



A	1,080°	B	270°
C	540°	D	810°
E	945°	F	135°

8

Find the sector angle for a sector with area $25/4\pi$ in a circle of radius 5



A	135°	B	45°
C	495°	D	90°
E	450°	F	180°