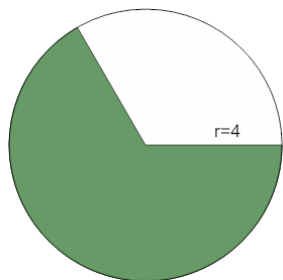




Area of a Circle Sector From Area to Angle (Equation)

1

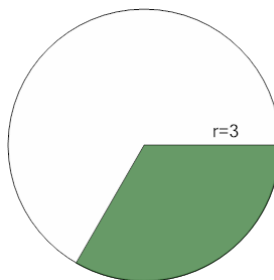
Find the sector angle for a sector with area $32/3 \pi$ in a circle of radius 4



A	360°	B	720°
C	840°	D	600°
E	480°	F	240°

2

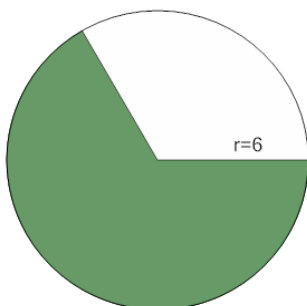
Find the sector angle for a sector with area 3π in a circle of radius 3



A	300°	B	360°
C	60°	D	180°
E	120°	F	480°

3

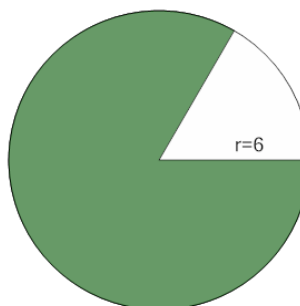
Find the sector angle for a sector with area 24π in a circle of radius 6



A	720°	B	1,320°
C	120°	D	600°
E	1,080°	F	240°

4

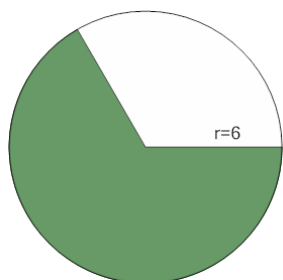
Find the sector angle for a sector with area 30π in a circle of radius 6



A	300°	B	1,050°
C	750°	D	1,350°
E	900°	F	1,650°

5

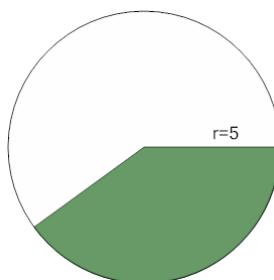
Find the sector angle for a sector with area 24π in a circle of radius 6



A	120°	B	600°
C	360°	D	240°
E	960°	F	720°

6

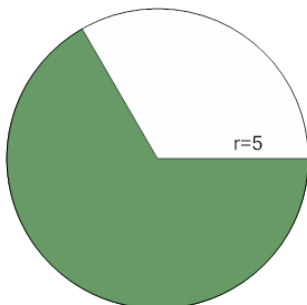
Find the sector angle for a sector with area 10π in a circle of radius 5



A	424°	B	346°
C	276°	D	144°
E	416°	F	494°

7

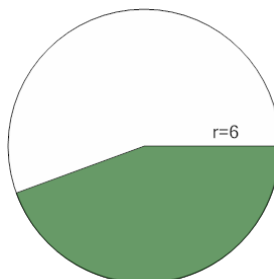
Find the sector angle for a sector with area $50/3 \pi$ in a circle of radius 5



A	960°	B	240°
C	480°	D	600°
E	720°	F	1,080°

8

Find the sector angle for a sector with area 16π in a circle of radius 6



A	240°	B	560°
C	80°	D	480°
E	160°	F	400°