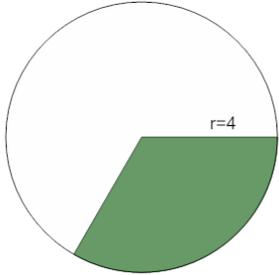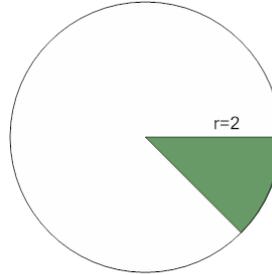# Area of a Circle Sector From Area to Angle (Closest Integer)

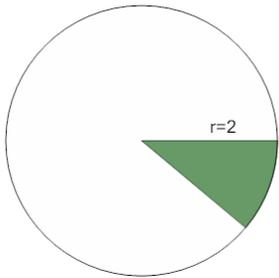**1** A sector with area 16.76 in a circle of radius 4 has what sector angle?

A		B	
	180º		300º
C		D	
	600º		120º
E		F	
	60º		360º

2 A sector with area 1.57 in a circle of radius 2 has what sector angle?

A		B	
	95º		35º
C		D	
	45º		105º
E		F	
	55º		65º

3 A sector with area 1.4 in a circle of radius 2 has what sector angle?

A		B	
	160º		80º
C		D	
	200º		20º
E		F	
	40º		100º
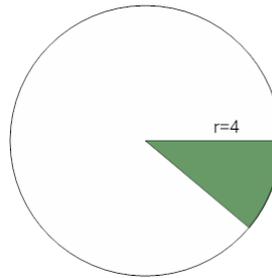
4 A sector with area 5.59 in a circle of radius 4 has what sector angle?

A		B	
	120º		160º
C		D	
	100º		80º
E		F	
	40º		220º
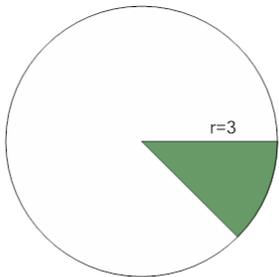
5 A sector with area 3.53 in a circle of radius 3 has what sector angle?

A		B	
	65º		165º
C		D	
	145º		205º
E		F	
	225º		45º
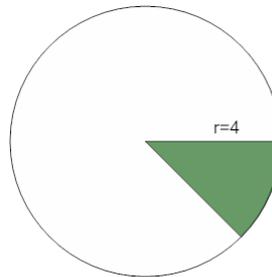
6 A sector with area 6.28 in a circle of radius 4 has what sector angle?

A		B	
	225º		75º
C		D	
	115º		45º
E		F	
	5º		95º
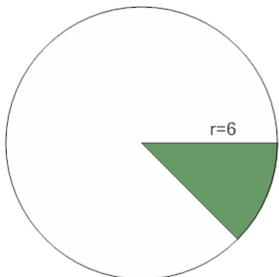
7 A sector with area 14.14 in a circle of radius 6 has what sector angle?

A		B	
	45º		125º
C		D	
	115º		5º
E		F	
	95º		85º
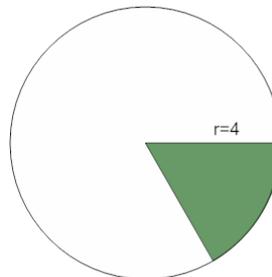
8 A sector with area 8.38 in a circle of radius 4 has what sector angle?

A		B	
	330º		90º
C		D	
	180º		60º
E		F	
	240º		120º