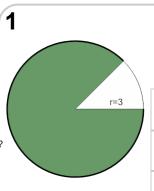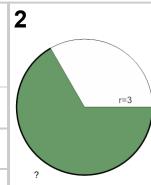# Area of a Circle Sector From Area to Arc Length (Closest Integer)

1
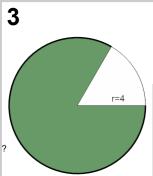
A sector with area 24.74 in a circle of radius 3 has what the arc length (to the closest integer)?
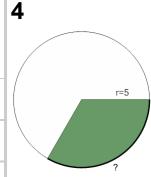
r=3

?

A	16	B	15
C	14	D	18
E	12	F	13

2

A sector with area 18.85 in a circle of radius 3 has what the arc length (to the closest integer)?

r=3

?

A	13	B	9
C	14	D	12
E	16	F	11

3

A sector with area 41.89 in a circle of radius 4 has what the arc length (to the closest integer)?

r=4

?

A	18	B	21
C	25	D	23
E	24	F	22

4

A sector with area 26.18 in a circle of radius 5 has what the arc length (to the closest integer)?

r=5

?

A	10	B	6
C	12	D	11
E	14	F	9

5

A sector with area 22.62 in a circle of radius 3 has what the arc length (to the closest integer)?

r=3

?

A	11	B	13
C	19	D	15
E	18	F	14

6

A sector with area 16.76 in a circle of radius 4 has what the arc length (to the closest integer)?

r=4

?

A	10	B	11
C	12	D	8
E	7	F	6

7

A sector with area 21.99 in a circle of radius 3 has what the arc length (to the closest integer)?

r=3

?

A	11	B	16
C	15	D	14
E	13	F	19

8

A sector with area 52.36 in a circle of radius 5 has what the arc length (to the closest integer)?

r=5

?

A	21	B	23
C	22	D	17
E	18	F	24