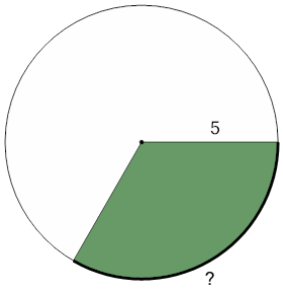
Math worksheet on *'Area of a Part Circle - Radius and Fraction to Arc Length (Decimal) (Level 1)'*. Part of a broader unit on *'Geometry - Circle Partial Area and Circumference - Intro'*

Learn online:

app.mobius.academy/math/units/geometry_circles_partial_perimeter_area_intro/

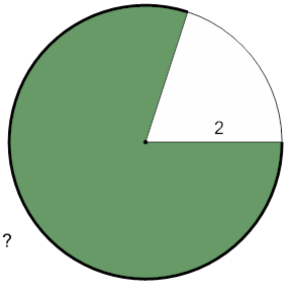
1



What is the arc length of a 1/3 sector of a circle if the radius is 5?

a	6	**b**	7
c	10	**d**	11
e	8	**f**	13

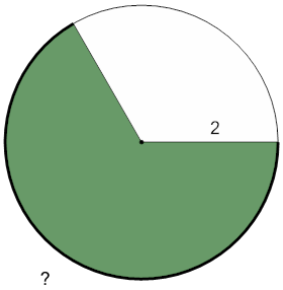
2



What is the arc length of a 4/5 sector of a circle if the radius is 2?

a	7	**b**	9
c	11	**d**	13
e	10	**f**	12

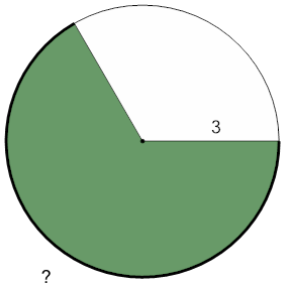
3



What is the arc length of a 2/3 sector of a circle if the radius is 2?

a	11	**b**	12
c	7	**d**	8
e	10	**f**	6

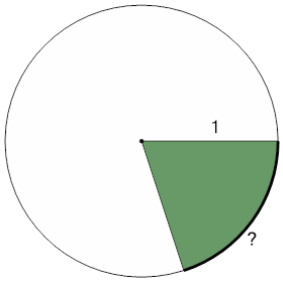
4



What is the arc length of a 2/3 sector of a circle if the radius is 3?

a	9	**b**	13
c	11	**d**	16
e	10	**f**	17

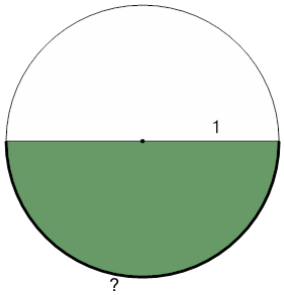
5



What is the arc length of a 1/5 sector of a circle if the radius is 1?

a	1	**b**	4
c	5	**d**	2
e	0	**f**	3

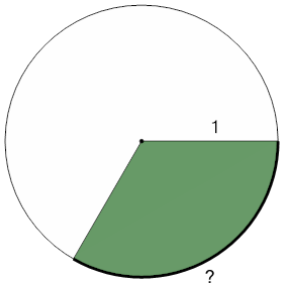
6



What is the arc length of a 2/4 sector of a circle if the radius is 1?

a	6	**b**	2
c	3	**d**	5
e	1	**f**	4

7



What is the arc length of a 1/3 sector of a circle if the radius is 1?

a	3	**b**	6
c	4	**d**	2
e	1	**f**	0