

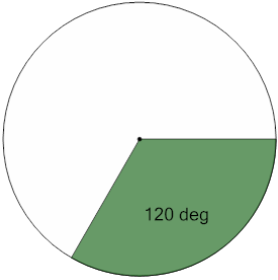


Math worksheet on 'Circumference of a Part Circle - Angle to Fraction (Level 1)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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

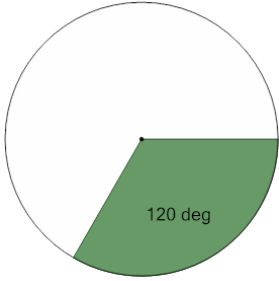
1



What fraction of the circle's circumference is within a sector with an angle of 120°

a	$\frac{1}{3}$	b	1
c	$\frac{1}{2}$	d	$\frac{3}{5}$

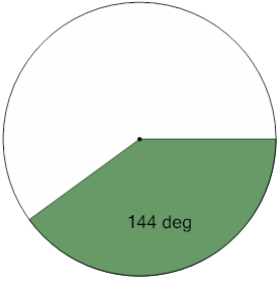
2



What fraction of the circle's circumference is within a sector with an angle of 120°

a	$\frac{1}{3}$	b	$\frac{3}{5}$
c	1	d	$\frac{3}{10}$
e	$\frac{1}{2}$		

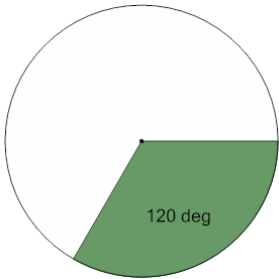
3



What fraction of the circle's circumference is within a sector with an angle of 144°

a	$\frac{1}{5}$	b	$\frac{1}{6}$
c	$\frac{2}{5}$	d	$\frac{1}{3}$
e	1		

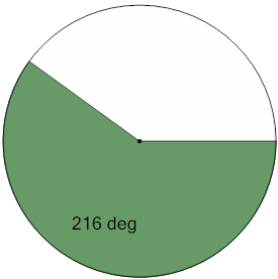
4



What fraction of the circle's circumference is within a sector with an angle of 120°

a	$\frac{2}{3}$	b	$\frac{1}{3}$
c	$\frac{3}{5}$	d	$\frac{1}{2}$
e	$\frac{3}{8}$		

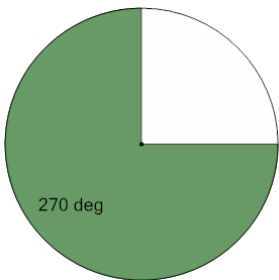
5



What fraction of the circle's circumference is within a sector with an angle of 216°

a	$\frac{1}{2}$	b	$\frac{3}{5}$
c	1	d	$\frac{1}{4}$

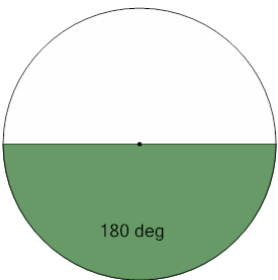
6



What fraction of the circle's circumference is within a sector with an angle of 270°

a	$\frac{3}{4}$	b	$\frac{3}{8}$
c	1	d	$\frac{7}{10}$

7



What fraction of the circle's circumference is within a sector with an angle of 180°

a	1	b	$\frac{1}{2}$
c	$\frac{1}{8}$	d	$\frac{2}{3}$
e	$\frac{1}{10}$		