



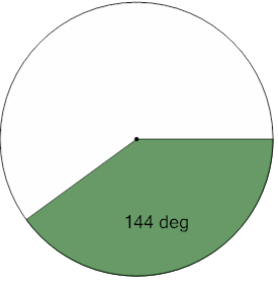
Math worksheet on 'Area of a Part Circle - Angle to Fraction (Level 1)'. Part of a broader unit on 'Geometry - Circle Partial Area and Circumference - Intro'

Learn online:

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

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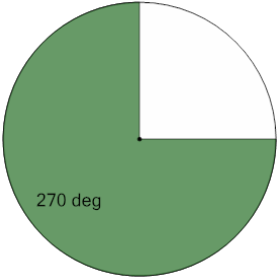
What fraction of the circle's area is shaded if the sector has an angle of 144°



a	$\frac{1}{10}$	b	$\frac{1}{2}$
c	$\frac{1}{4}$	d	$\frac{2}{5}$
e	$\frac{3}{5}$		

1

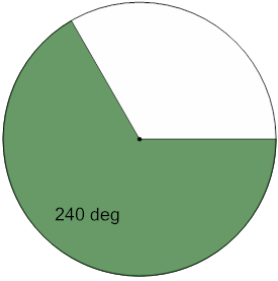
What fraction of the circle's area is shaded if the sector has an angle of 270°



a	$\frac{1}{10}$	b	1
c	$\frac{3}{4}$	d	$\frac{4}{5}$
e	$\frac{1}{3}$		

3

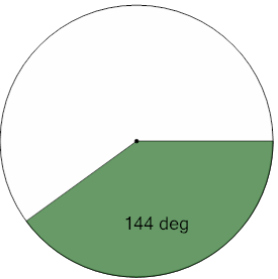
What fraction of the circle's area is shaded if the sector has an angle of 240°



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

4

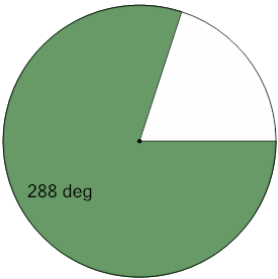
What fraction of the circle's area is shaded if the sector has an angle of 144°



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

5

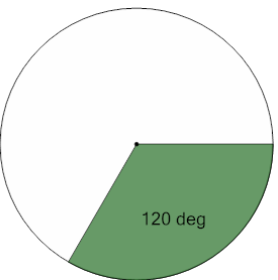
What fraction of the circle's area is shaded if the sector has an angle of 288°



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

6

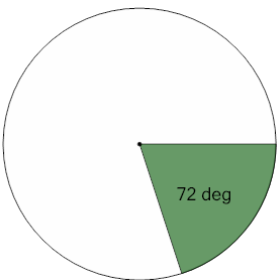
What fraction of the circle's area is shaded if the sector has an angle of 120°



a	$\frac{3}{10}$	b	$\frac{1}{3}$
c	1	d	$\frac{1}{5}$
e	$\frac{1}{6}$		

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What fraction of the circle's area is shaded if the sector has an angle of 72°



a	$\frac{1}{6}$	b	$\frac{3}{10}$
c	$\frac{3}{4}$	d	1
e	$\frac{1}{5}$		