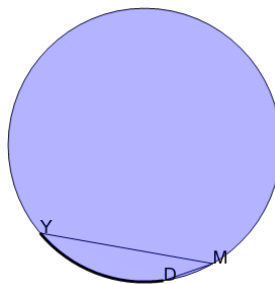




Math worksheet on 'Geometry of Circles - Intersected Arc from Inscribed Angle (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

Learn online: app.mobius.academy/math/units/geometry_intermediate_intro/

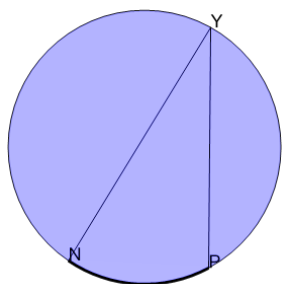
1



Find the length (in degrees) of intersected arc DY if angle DMY is 29°

a	53°	b	43°
c	58°	d	38°
e	15°	f	33°

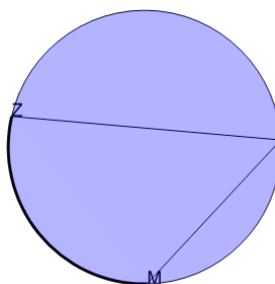
2



Find the length (in degrees) of intersected arc PN if angle PYN is 31°

a	77°	b	82°
c	42°	d	72°
e	16°	f	62°

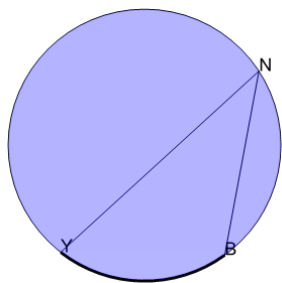
3



Find the length (in degrees) of intersected arc MZ if angle MBZ is 52°

a	89°	b	104°
c	26°	d	94°
e	84°	f	119°

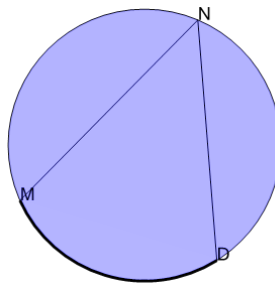
4



Find the length (in degrees) of intersected arc BY if angle BNY is 37°

a	74°	b	84°
c	94°	d	49°
e	64°	f	19°

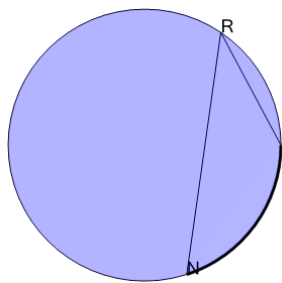
5



Find the length (in degrees) of intersected arc DM if angle DNM is 49°

a	78°	b	103°
c	98°	d	93°
e	25°	f	108°

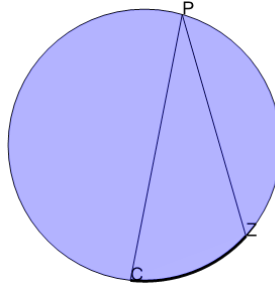
6



Find the length (in degrees) of intersected arc DN if angle DRN is 36°

a	47°	b	52°
c	87°	d	72°
e	77°	f	18°

7



Find the length (in degrees) of intersected arc ZC if angle ZPC is 27°

a	34°	b	54°
c	49°	d	29°
e	14°	f	74°