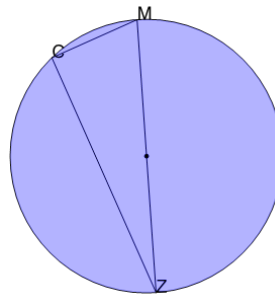




Math worksheet on 'Geometry of Circles - Inscribed Triangle on Diameter - Missing Angle (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

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

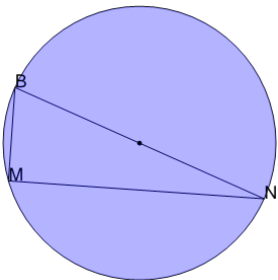
1



Find angle CZM in degrees given that CMZ is 70° and ZM forms a diameter

a	25°	b	10°
c	20°	d	50°
e	65°	f	55°

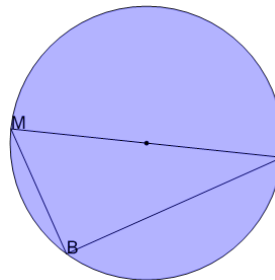
2



Find angle MNB in degrees given that MBN is 70° and NB forms a diameter

a	65°	b	10°
c	50°	d	55°
e	80°	f	20°

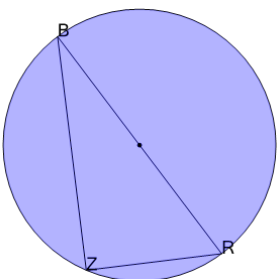
3



Find angle BYM in degrees given that BMY is 60° and YM forms a diameter

a	60°	b	45°
c	15°	d	0°
e	75°	f	30°

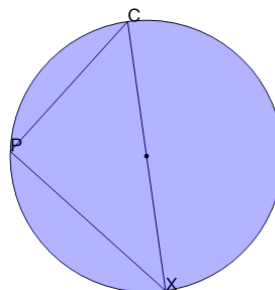
4



Find angle ZRB in degrees given that ZBR is 30° and RB forms a diameter

a	45°	b	90°
c	75°	d	15°
e	60°	f	120°

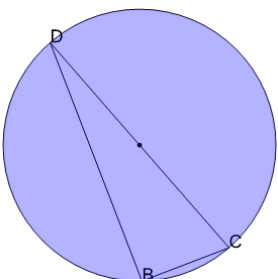
5



Find angle PXC in degrees given that PCX is 50° and XC forms a diameter

a	40°	b	130°
c	70°	d	85°
e	20°	f	35°

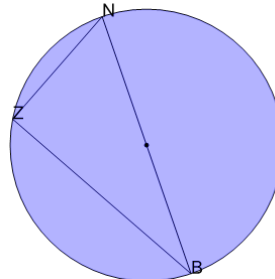
6



Find angle BCD in degrees given that BDC is 20° and CD forms a diameter

a	115°	b	25°
c	40°	d	100°
e	70°	f	55°

7



Find angle ZBN in degrees given that ZNB is 60° and BN forms a diameter

a	15°	b	105°
c	90°	d	30°
e	0°	f	60°