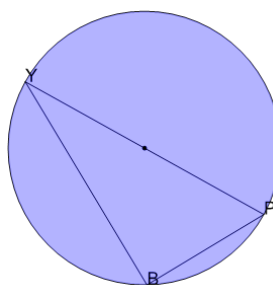




Math worksheet on 'Geometry of Circles - Inscribed Triangle on Diameter - Missing Angle (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

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

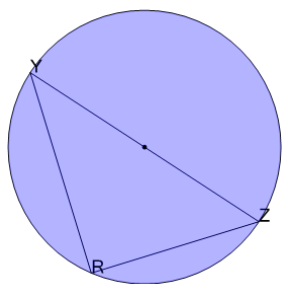
1



Find angle BPY in degrees given that BYP is 30° and PY forms a diameter

a	60°	b	150°
c	90°	d	120°
e	105°	f	15°

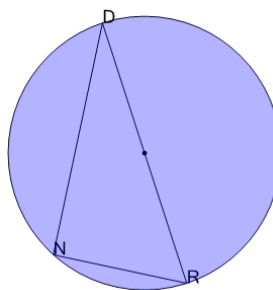
2



Find angle RZY in degrees given that RYZ is 40° and YZ forms a diameter

a	50°	b	80°
c	95°	d	125°
e	25°	f	35°

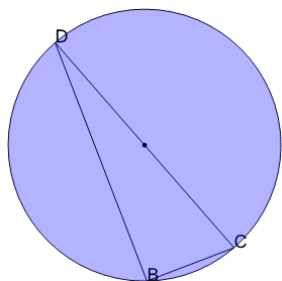
3



Find angle NRD in degrees given that NDR is 30° and DR forms a diameter

a	75°	b	30°
c	105°	d	60°
e	90°	f	0°

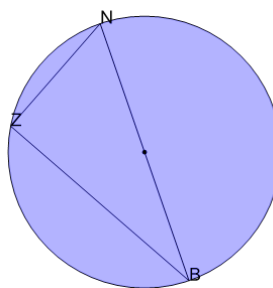
4



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

a	70°	b	25°
c	55°	d	40°
e	100°	f	115°

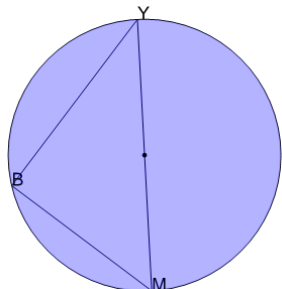
5



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

a	0°	b	90°
c	105°	d	60°
e	30°	f	15°

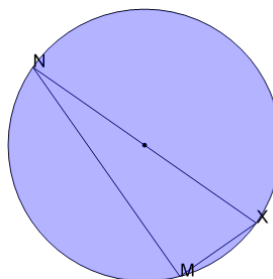
6



Find angle BMY in degrees given that BYM is 40° and MY forms a diameter

a	65°	b	50°
c	110°	d	95°
e	80°	f	35°

7



Find angle MXN in degrees given that MNX is 20° and NX forms a diameter

a	70°	b	145°
c	55°	d	85°
e	10°	f	100°