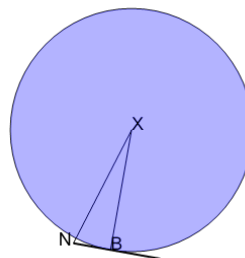




Math worksheet on 'Geometry of Circles - Tangent Triangle with Missing Angle (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Practice'

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

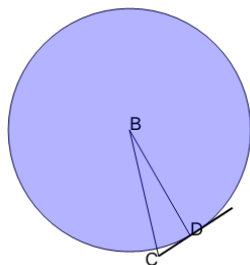
1



Find angle BNX in degrees given that BXN is 25°

a	65°	b	80°
c	10°	d	140°
e	20°	f	5°

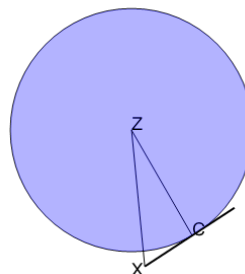
2



Find angle DBC in degrees given that DCB is 65°

a	25°	b	115°
c	85°	d	10°
e	5°	f	40°

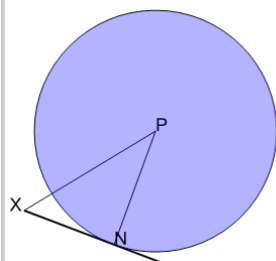
3



Find angle CZX in degrees given that CXZ is 55°

a	80°	b	95°
c	20°	d	50°
e	65°	f	35°

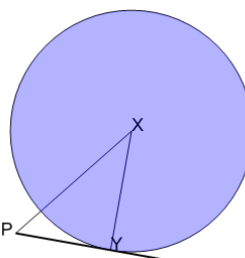
4



Find angle NPX in degrees given that NXP is 40°

a	140°	b	35°
c	5°	d	25°
e	20°	f	50°

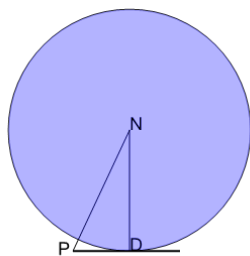
5



Find angle YXP in degrees given that YPX is 40°

a	110°	b	95°
c	50°	d	5°
e	20°	f	65°

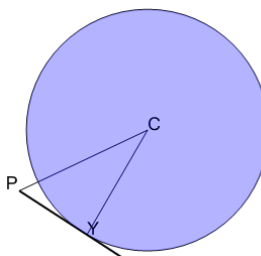
6



Find angle DNP in degrees given that DPN is 55°

a	10°	b	50°
c	5°	d	20°
e	35°	f	25°

7



Find angle YPC in degrees given that YCP is 45°

a	135°	b	75°
c	105°	d	0°
e	45°	f	30°