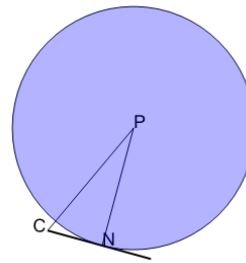




Math worksheet on 'Geometry of Circles - Tangent Triangle with Missing Angle (Level 2)'. Part of a broader unit on 'Geometry - Intermediate - Practice'

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

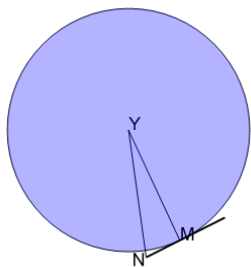
1



Find angle NPC in degrees given that NCP is 55°

a	35°	b	10°
c	125°	d	5°
e	65°	f	80°

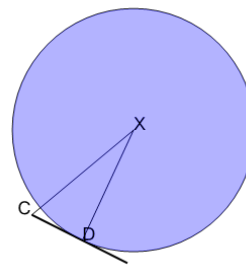
2



Find angle MNY in degrees given that MYN is 25°

a	65°	b	50°
c	155°	d	10°
e	140°	f	20°

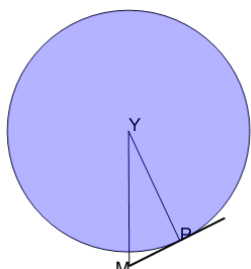
3



Find angle DXC in degrees given that DCX is 55°

a	50°	b	10°
c	5°	d	35°
e	20°	f	125°

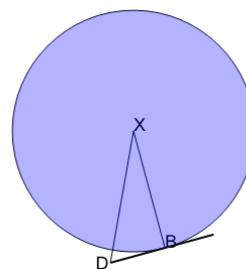
4



Find angle PYM in degrees given that PMY is 55°

a	25°	b	50°
c	20°	d	35°
e	65°	f	125°

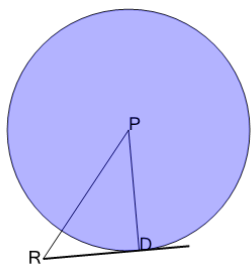
5



Find angle BDX in degrees given that BDX is 35°

a	10°	b	55°
c	115°	d	130°
e	85°	f	100°

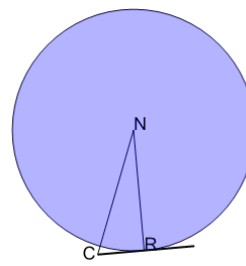
6



Find angle DRP in degrees given that DPR is 50°

a	10°	b	70°
c	5°	d	40°
e	55°	f	35°

7



Find angle RNC in degrees given that RCN is 60°

a	45°	b	105°
c	30°	d	120°
e	60°	f	15°