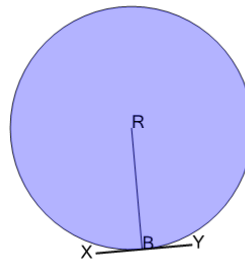




Math worksheet on 'Geometry of Circles - Tangent Angle (Level 2)'. Part of a broader unit on 'Geometry - Intermediate - Practice'

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

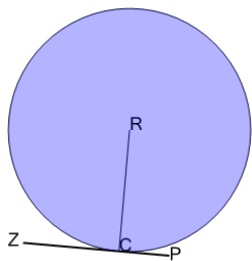
1



Find angle RBX in degrees given that YX forms a tangent

a	135°	b	120°
c	150°	d	90°
e	180°	f	105°

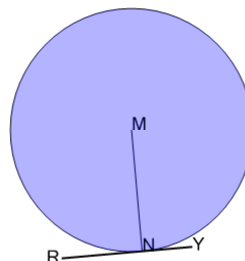
2



Find angle RCZ in degrees given that PZ forms a tangent

a	165°	b	105°
c	90°	d	120°
e	30°	f	15°

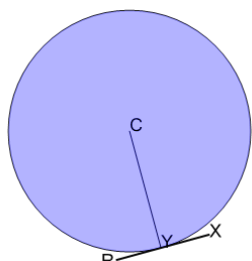
3



Find angle MNR in degrees given that YR forms a tangent

a	180°	b	150°
c	165°	d	120°
e	45°	f	90°

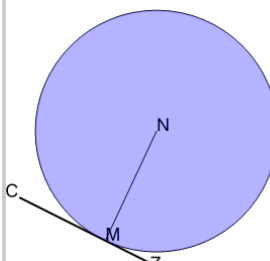
4



Find angle CYR in degrees given that XR forms a tangent

a	60°	b	15°
c	30°	d	165°
e	150°	f	90°

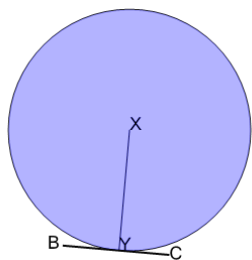
5



Find angle NMC in degrees given that ZC forms a tangent

a	90°	b	15°
c	120°	d	150°
e	60°	f	135°

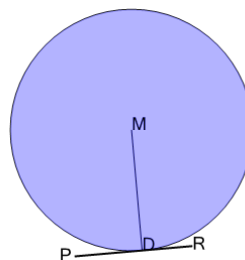
6



Find angle XYB in degrees given that CB forms a tangent

a	165°	b	30°
c	150°	d	60°
e	105°	f	90°

7



Find angle MDP in degrees given that RP forms a tangent

a	90°	b	150°
c	120°	d	135°
e	45°	f	60°