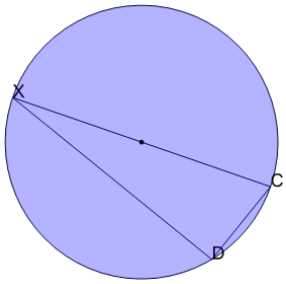
Math worksheet on *'Geometry of Circles - Inscribed Triangle on Diameter - Missing Angle (Level 1)'*. Part of a broader unit on *'Geometry - Intermediate - Intro'*

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

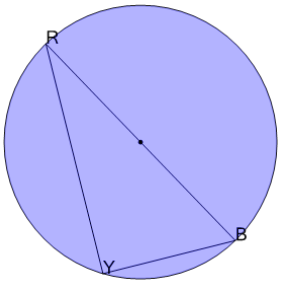
1



Find angle DCX in degrees given that DXC is 20º and CX forms a diameter

a	85º	**b**	145º
c	70º	**d**	5º
e	160º	**f**	130º

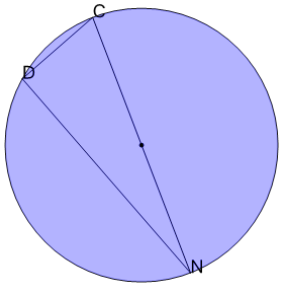
2



Find angle YBR in degrees given that YRB is 30º and BR forms a diameter

a	30º	**b**	75º
c	15º	**d**	150º
e	60º	**f**	135º

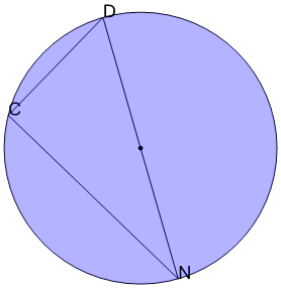
3



Find angle DNC in degrees given that DCN is 70º and NC forms a diameter

a	35º	**b**	5º
c	40º	**d**	10º
e	80º	**f**	20º

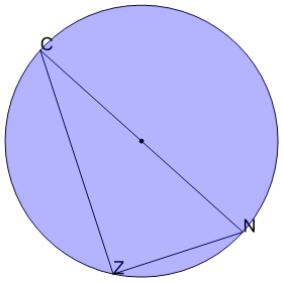
4



Find angle CND in degrees given that CDN is 60º and ND forms a diameter

a	45º	**b**	60º
c	90º	**d**	15º
e	0º	**f**	30º

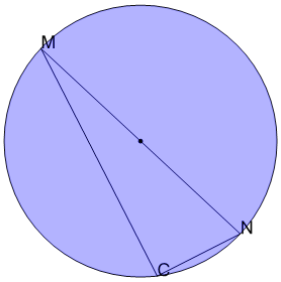
5



Find angle ZNC in degrees given that ZCN is 30º and NC forms a diameter

a	45º	**b**	90º
c	60º	**d**	120º
e	150º	**f**	15º

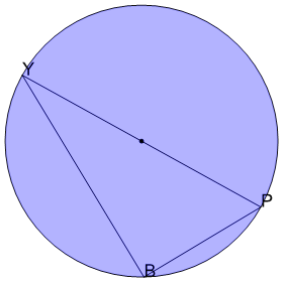
6



Find angle CNM in degrees given that CMN is 20º and NM forms a diameter

a	85º	**b**	130º
c	145º	**d**	10º
e	70º	**f**	5º

7



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

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