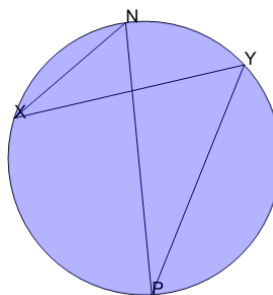# mobius

Math worksheet on *'Geometry of Circles - Inscribed Angles Subtended by Same Arc with Paired Angle - 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 PNX in degrees given that YXN is 27.5º and PYX is 55º

a	55º	b	35º
c	70º	d	40º
e	5º	f	130º

2
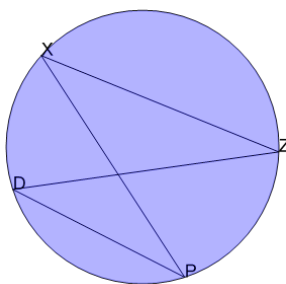
Find angle ZDP in degrees given that XPD is 30º and ZXP is 35º

a	95º	b	40º
c	5º	d	145º
e	55º	f	35º

3
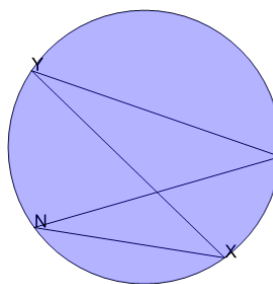
Find angle MNX in degrees given that MYX is 25º and YXN is 35º

a	115º	b	25º
c	40º	d	50º
e	155º	f	5º

4
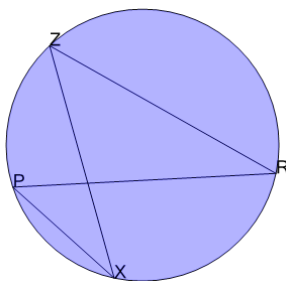
Find angle RPX in degrees given that RZX is 45º and ZXP is 32.5º

a	120º	b	45º
c	135º	d	30º
e	75º	f	105º

5
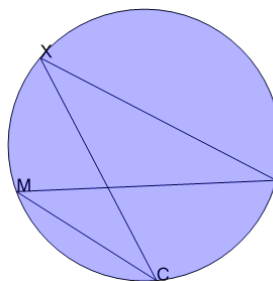
Find angle YMC in degrees given that YXC is 35º and XCM is 30º

a	80º	b	25º
c	10º	d	35º
e	65º	f	145º

6
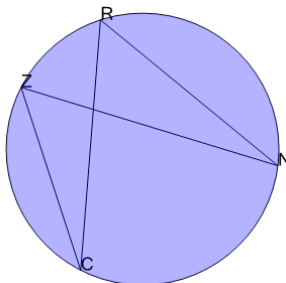
Find angle NZC in degrees given that NRC is 55º and RCZ is 22.5º

a	55º	b	5º
c	125º	d	85º
e	35º	f	25º

7
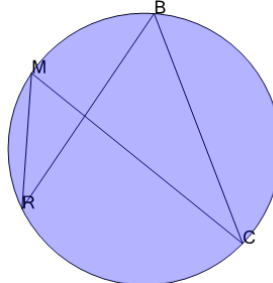
Find angle CMR in degrees given that CBR is 55º and BRM is 30º

a	125º	b	35º
c	55º	d	20º
e	115º	f	10º