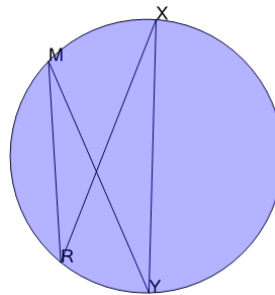# mobius

Math worksheet on *'Geometry of Circles - Inscribed Angles Subtended by Same Arc with Paired Angle - 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 YMR in degrees given that XRM is 25º and YXR is 20º

a	5º	b	20º
c	110º	d	10º
e	35º	f	70º

2
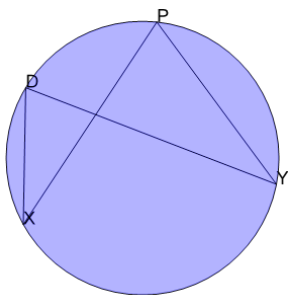
Find angle YDX in degrees given that PXD is 32.5º and YPX is 70º

a	160º	b	55º
c	70º	d	85º
e	20º	f	5º

3
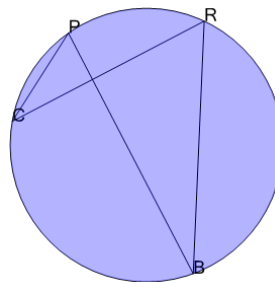
Find angle BPC in degrees given that BRC is 60º and RCP is 30º

a	45º	b	30º
c	0º	d	60º
e	15º	f	120º

4
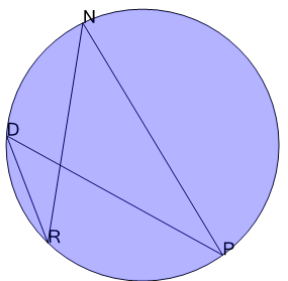
Find angle PDR in degrees given that NRD is 30º and PNR is 40º

a	10º	b	140º
c	70º	d	40º
e	50º	f	130º

5
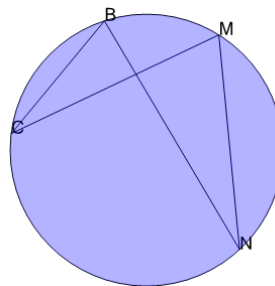
Find angle NBC in degrees given that NMC is 70º and MCB is 25º

a	110º	b	85º
c	25º	d	100º
e	20º	f	70º

6
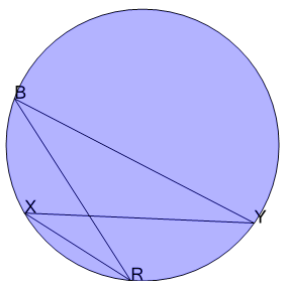
Find angle YXR in degrees given that YBR is 30º and BRX is 25º

a	75º	b	30º
c	60º	d	45º
e	90º	f	15º

7
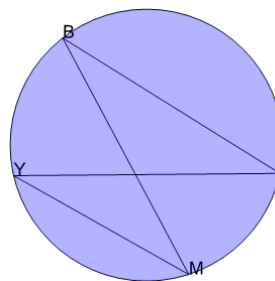
Find angle ZYM in degrees given that ZBM is 30º and BMY is 32.5º

a	30º	b	60º
c	150º	d	45º
e	105º	f	120º