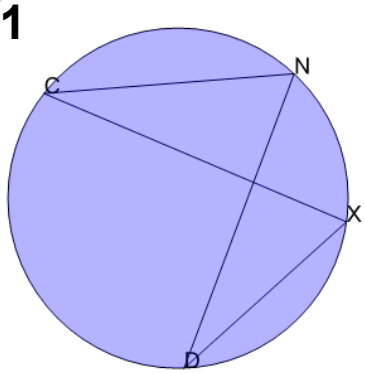
Name

Geometry of Circles - Inscribed Angles Subtended by Same Arc - Rule

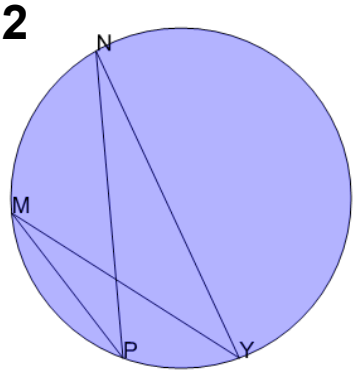
1



What is known about angle DNC and DXC given that they are both subtended by arc DC?

A DNC is the same as
B DNC and DXC add to
C Nothing, DNC and DXC are not
D DNC is twice DXC
E DNC is half DXC
F DNC and DXC add to

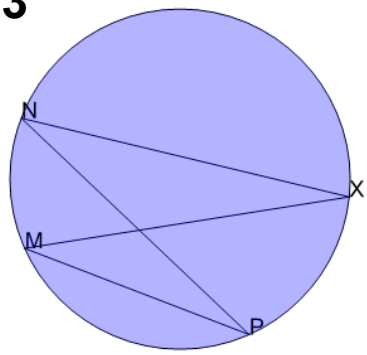
2



What is known about angle YMP and YNP given that they are both subtended by arc YP?

A YMP and YNP add to
B YMP and YNP add to
C Nothing, YMP and YNP are not
D YMP is twice YNP
E YMP is half YNP
F YMP is the same as

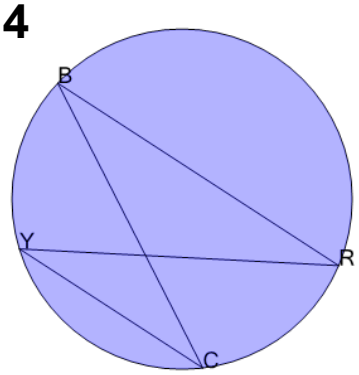
3



What is known about angle XMP and XNP given that they are both subtended by arc XP?

A XMP and XNP add to
B XMP and XNP add to
C Nothing, XMP and XNP are not
D XMP and XNP add to
E XMP is the same as
F XMP is twice XNP

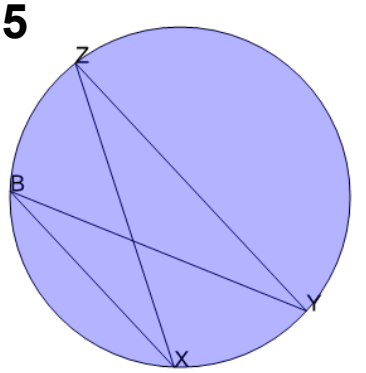
4



What is known about angle RYC and RBC given that they are both subtended by arc RC?

A RYC and RBC add to
B RYC is twice RBC
C RYC and RBC add to
D RYC and RBC add to
E Nothing, RYC and RBC are not
F RYC is the same as

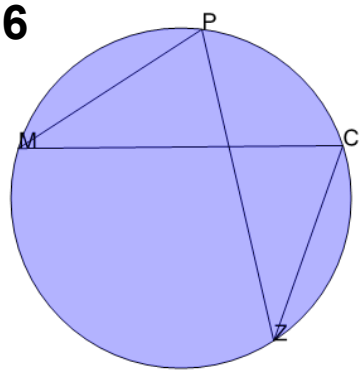
5



What is known about angle YBX and YZX given that they are both subtended by arc YX?

A YBX and YZX add to
B Nothing, YBX and YZX are not
C YBX is the same as YZX
D YBX is twice YZX
E YBX and YZX add to 90º
F YBX and YZX add to

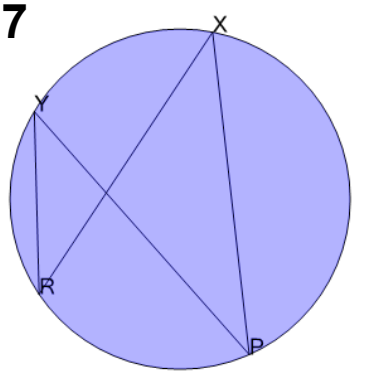
6



What is known about angle ZPM and ZCM given that they are both subtended by arc ZM?

A ZPM is the same as
B ZPM and ZCM add to
C ZPM is half ZCM
D ZPM and ZCM add to
E ZPM and ZCM add to
F Nothing, ZPM and ZCM are not

7



What is known about angle PYR and PXR given that they are both subtended by arc PR?

A PYR is twice PXR
B PYR and PXR add to
C PYR and PXR add to 90º
D PYR is half PXR
E PYR and PXR add to
F PYR is the same as PXR

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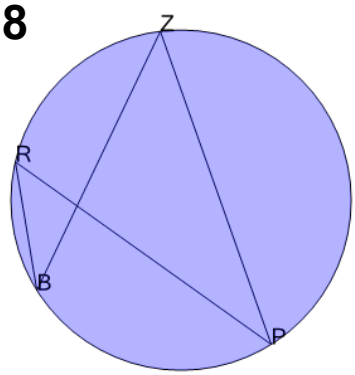

What is known about angle PRB and PZB given that they are both subtended by arc PB?

A PRB is twice PZB
B PRB is half PZB
C PRB and PZB add to 90º
D PRB is the same as PZB
E PRB and PZB add to
F PRB and PZB add to