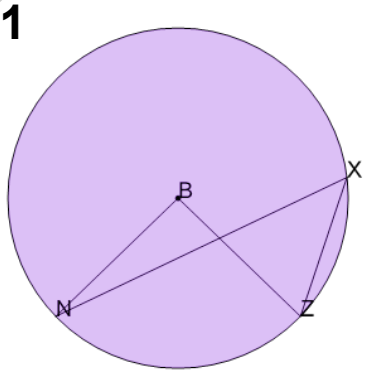
Name

Geometry of Circles - Rule for Inscribed Angle from Central

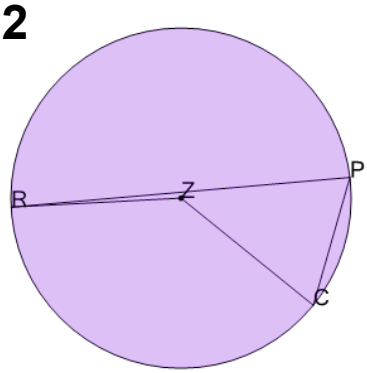
1



What is known about angle ZXN compared to angle ZBN?

A ZXN and ZBN add to
B Nothing, ZXN and ZBN are not subtended by the same arc
C ZXN is the same as ZBN
D ZXN is half ZBN
E ZXN and ZBN add to 90º
F ZXN is twice ZBN

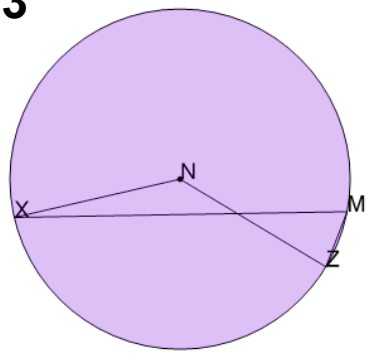
2



What is known about angle CPR compared to angle CZR?

A Nothing, CPR and CZR are not subtended by the same arc
B CPR is twice CZR
C CPR and CZR add to
D CPR is half CZR
E CPR and CZR add to
F CPR is the same as CZR

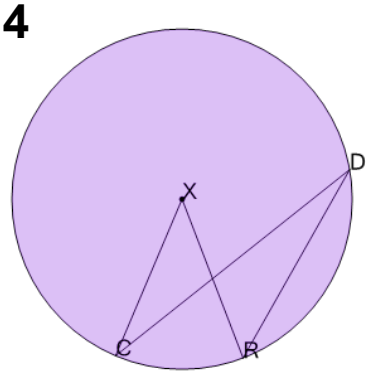
3



What is known about angle ZMX compared to angle ZNX?

A ZMX and ZNX add to 90º
B ZMX and ZNX add to
C ZMX is half ZNX
D ZMX is the same as ZNX
E ZMX and ZNX add to
F Nothing, ZMX and ZNX are not subtended by the same arc

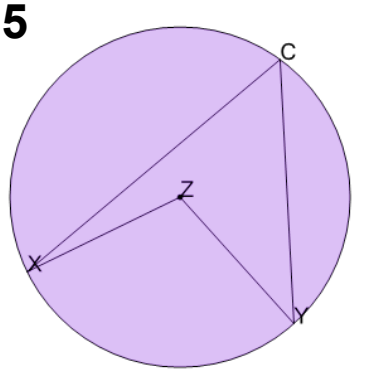
4



What is known about angle RDC compared to angle RXC?

A RDC is twice RXC
B Nothing, RDC and RXC are not subtended by the same arc
C RDC is half RXC
D RDC is the same as
E RDC and RXC add to
F RDC and RXC add to

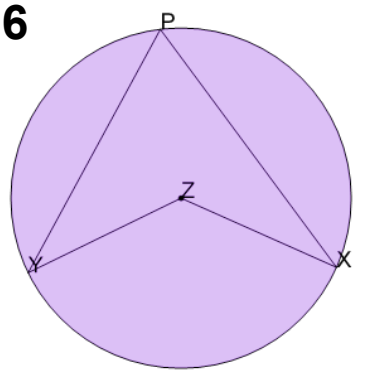
5



What is known about angle YCX compared to angle YZX?

A YCX is half YZX
B YCX is the same as YZX
C YCX and YZX add to
D YCX and YZX add to 90º
E Nothing, YCX and YZX are not subtended by the same arc
F YCX and YZX add to

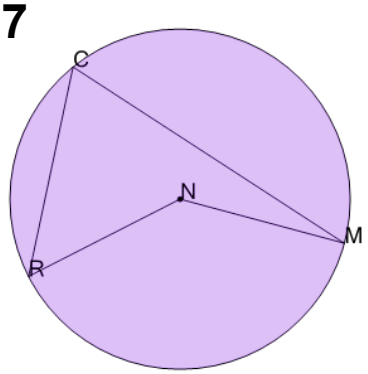
6



What is known about angle XPY compared to angle XZY?

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

7



What is known about angle MCR compared to angle MNR?

A MCR is the same as
B MCR is half MNR
C MCR and MNR add to
D MCR and MNR add to
E MCR and MNR add to
F Nothing, MCR and MNR are not subtended by the same arc

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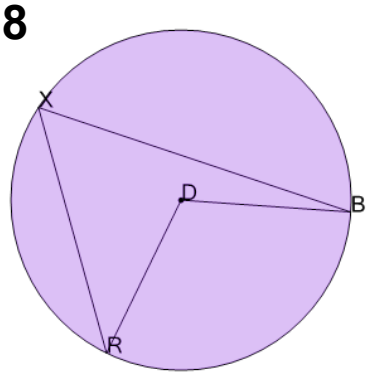

What is known about angle BXR compared to angle BDR?

A BXR is twice BDR
B BXR is the same as BDR
C BXR is half BDR
D Nothing, BXR and BDR are not subtended by the same arc
E BXR and BDR add to
F BXR and BDR add to