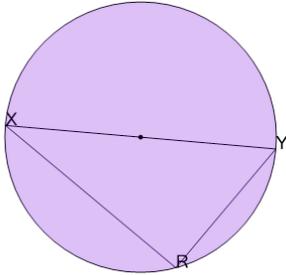
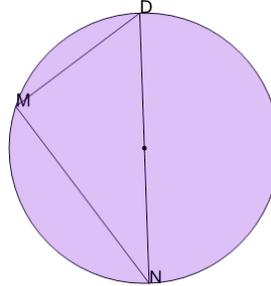


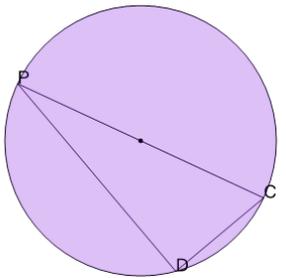
## Geometry of Circles - Inscribed Triangle on Diameter - Missing Angle

**1**Find angle RYX in degrees given that RXY is  $35^\circ$  and YX forms a diameter

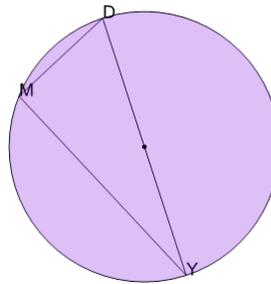
A	$55^\circ$	B	$25^\circ$
C	$115^\circ$	D	$20^\circ$
E	$145^\circ$	F	$10^\circ$

**2**Find angle MND in degrees given that MDN is  $55^\circ$  and ND forms a diameter

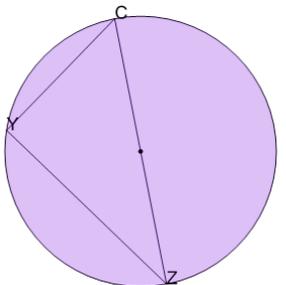
A	$10^\circ$	B	$35^\circ$
C	$20^\circ$	D	$25^\circ$
E	$50^\circ$	F	$5^\circ$

**3**Find angle DCP in degrees given that DPC is  $25^\circ$  and CP forms a diameter

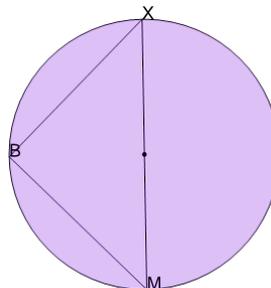
A	$155^\circ$	B	$140^\circ$
C	$95^\circ$	D	$20^\circ$
E	$10^\circ$	F	$65^\circ$

**4**Find angle MYD in degrees given that MDY is  $65^\circ$  and YD forms a diameter

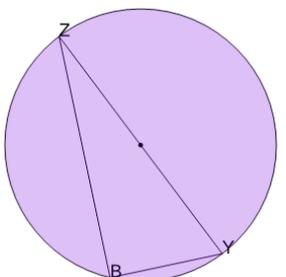
A	$35^\circ$	B	$10^\circ$
C	$20^\circ$	D	$5^\circ$
E	$25^\circ$	F	$55^\circ$

**5**Find angle YZC in degrees given that YCZ is  $55^\circ$  and ZC forms a diameter

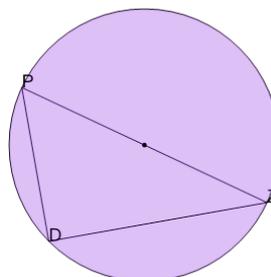
A	$110^\circ$	B	$25^\circ$
C	$95^\circ$	D	$125^\circ$
E	$80^\circ$	F	$35^\circ$

**6**Find angle BMX in degrees given that BMX is  $45^\circ$  and MX forms a diameter

A	$135^\circ$	B	$45^\circ$
C	$105^\circ$	D	$30^\circ$
E	$60^\circ$	F	$15^\circ$

**7**Find angle BYZ in degrees given that BZY is  $25^\circ$  and YZ forms a diameter

A	$155^\circ$	B	$65^\circ$
C	$110^\circ$	D	$20^\circ$
E	$140^\circ$	F	$5^\circ$

**8**Find angle DZP in degrees given that DPZ is  $55^\circ$  and ZP forms a diameter

A	$65^\circ$	B	$125^\circ$
C	$35^\circ$	D	$5^\circ$
E	$20^\circ$	F	$50^\circ$