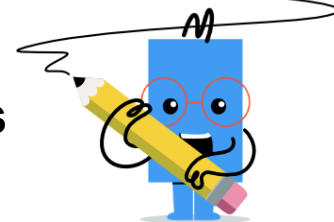
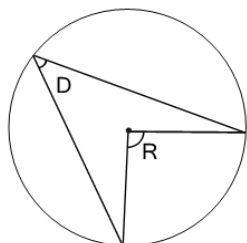




## Geometry of Circles - Inscribed Angles Center and Side Rule

**1**

What geometry rule would help find angle R?



(not to scale)

A Angle R will be identical to D because they subtend the same arc

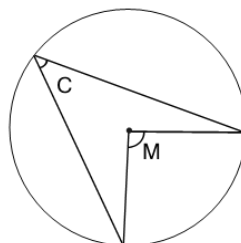
B Angle D will be twice R

C Angle R will be twice D

D Angles R and D will add to  $180^\circ$

**2**

What geometry rule would help find angle M?



(not to scale)

A Angle C will be twice M

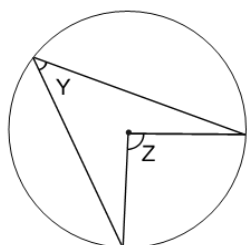
B Angle M will be identical to C because they subtend the same arc

C Angles M and C will add to  $180^\circ$

D Angle M will be twice C

**3**

What geometry rule would help find angle Y?



(not to scale)

A Angles Y and Z will add to  $180^\circ$

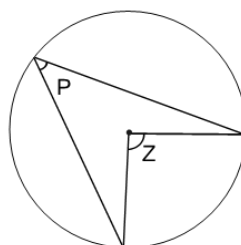
B Angle Z will be twice Y

C Angle Y will be twice Z

D Angle Y will be identical to Z because they subtend the same arc

**4**

What geometry rule would help find angle Z?



(not to scale)

A Angles Z and P will add to  $180^\circ$

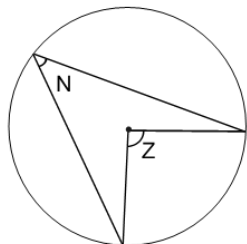
B Angle Z will be twice P

C Angle P will be twice Z

D Angle Z will be identical to P because they subtend the same arc

**5**

What geometry rule would help find angle Z?



(not to scale)

A Angle Z will be identical to N because they subtend the same arc

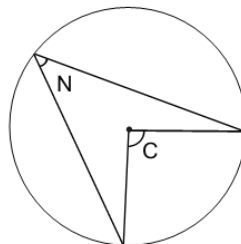
B Angles Z and N will add to  $180^\circ$

C Angle Z will be twice N

D Angle N will be twice Z

**6**

What geometry rule would help find angle C?



(not to scale)

A Angle C will be twice N

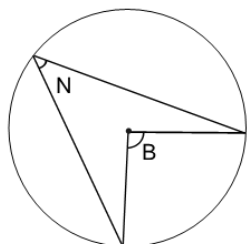
B Angles C and N will add to  $180^\circ$

C Angle C will be identical to N because they subtend the same arc

D Angle N will be twice C

**7**

What geometry rule would help find angle N?



(not to scale)

A Angle N will be identical to B because they subtend the same arc

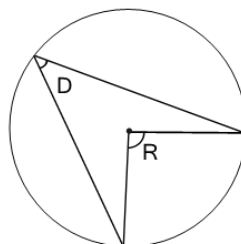
B Angle N will be twice B

C Angle B will be twice N

D Angles N and B will add to  $180^\circ$

**8**

What geometry rule would help find angle R?



(not to scale)

A Angle R will be identical to D because they subtend the same arc

B Angle R will be twice D

C Angle D will be twice R

D Angles R and D will add to  $180^\circ$