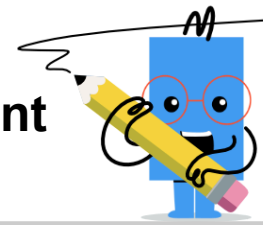
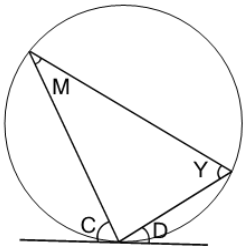
Name

# Geometry of Circles - Alternate Segment Theorem Rule



**1** What geometry rule would help find angle Y?




(not to scale)

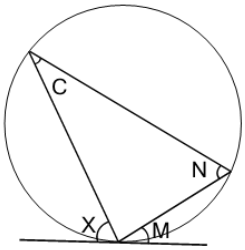
A Angle Y will always be 90°

B Angle Y and D will add to 180°

C Angle Y will be identical to D

D Angle Y will be identical to C

**2** What geometry rule would help find angle M?




(not to scale)

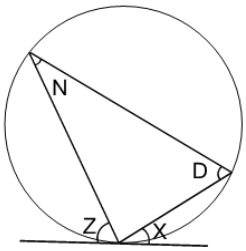
A Angle M will be identical to C

B Angle M will always be 90°

C Angle M will be identical to N

D Angle M and N will add to 180°

**3** What geometry rule would help find angle D?




(not to scale)

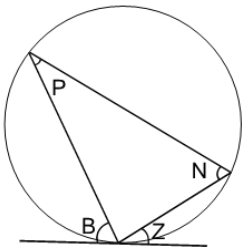
A Angle D will always be 90°

B Angle D will be identical to X

C Angle D will be identical to Z

D Angle D and X will add to 180°

**4** What geometry rule would help find angle N?




(not to scale)

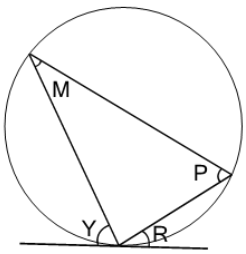
A Angle N and Z will add to 180°

B Angle N will be identical to B

C Angle N will be identical to Z

D Angle N will always be 90°

**5** What geometry rule would help find angle M?




(not to scale)

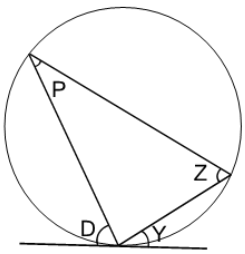
A Angle M will be identical to R

B Angle M will always be 90°

C Angle M and Y will add to 180°

D Angle M will be identical to Y

**6** What geometry rule would help find angle D?




(not to scale)

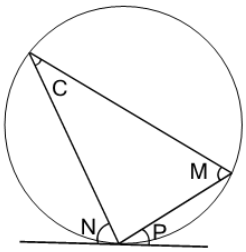
A Angle D will always be 90°

B Angle D will be identical to P

C Angle D will be identical to Z

D Angle D and P will add to 180°

**7** What geometry rule would help find angle P?




(not to scale)

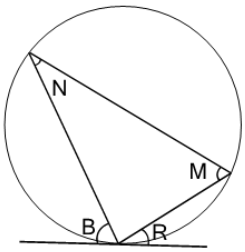
A Angle P will be identical to C

B Angle P will always be 90°

C Angle P and M will add to 180°

D Angle P will be identical to M

**8** What geometry rule would help find angle N?




(not to scale)

A Angle N will always be 90°

B Angle N will be identical to R

C Angle N and B will add to 180°

D Angle N will be identical to B