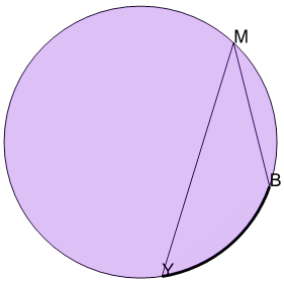
Name

Geometry of Circles - Intersected Arc from Inscribed Angle

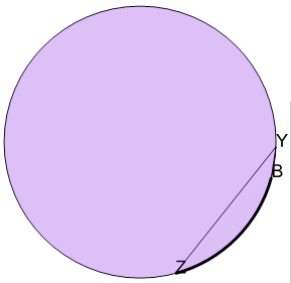
1



Find the length (in degrees) of intersected arc BY if angle BMY is 31°

A	16°	B	52°
C	67°	D	47°
E	57°	F	62°

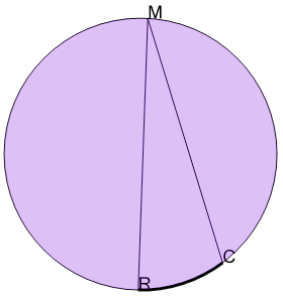
2



Find the length (in degrees) of intersected arc BZ if angle BYZ is 30°

A	75°	B	65°
C	55°	D	15°
E	60°	F	35°

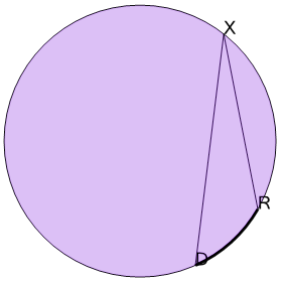
3



Find the length (in degrees) of intersected arc CR if angle CMR is 19°

A	43°	B	53°
C	38°	D	23°
E	10°	F	13°

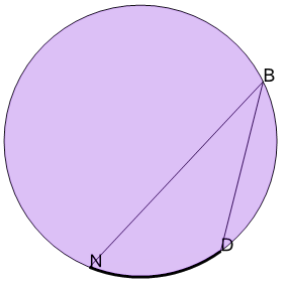
4



Find the length (in degrees) of intersected arc RD if angle RXD is 18°

A	9°	B	26°
C	31°	D	16°
E	36°	F	56°

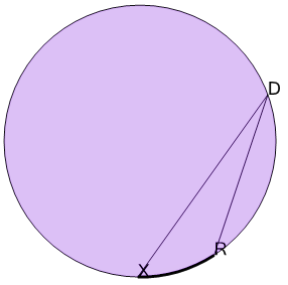
5



Find the length (in degrees) of intersected arc DN if angle DBN is 29°

A	38°	B	73°
C	43°	D	15°
E	58°	F	53°

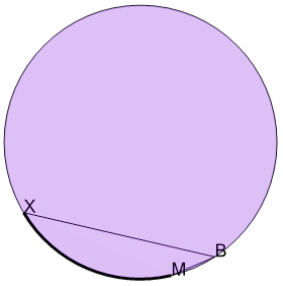
6



Find the length (in degrees) of intersected arc RX if angle RDX is 17°

A	24°	B	9°
C	34°	D	54°
E	49°	F	44°

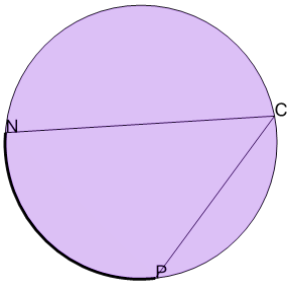
7



Find the length (in degrees) of intersected arc MX if angle MBX is 36°

A	18°	B	77°
C	47°	D	67°
E	72°	F	52°

8



Find the length (in degrees) of intersected arc PN if angle PCN is 50°

A	115°	B	85°
C	80°	D	110°
E	100°	F	25°