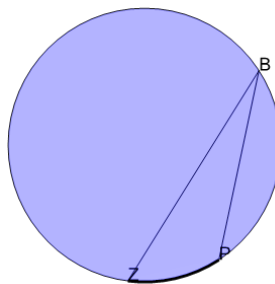




Math worksheet on 'Geometry of Circles - Inscribed Angle from Intersected Arc (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

Learn online: app.mobius.academy/math/units/geometry_intermediate_intro/

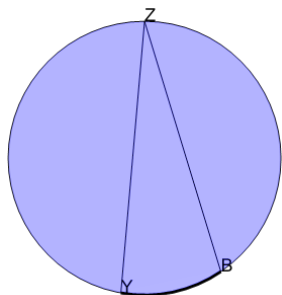
1



Find angle PBZ if the intersected arc PZ is 40°

a	20°	b	35°
c	80°	d	15°
e	0°	f	25°

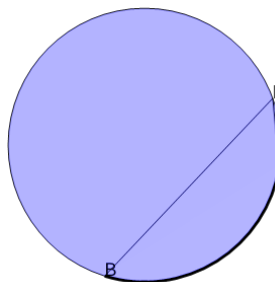
2



Find angle BZY if the intersected arc BY is 44°

a	32°	b	22°
c	3°	d	17°
e	7°	f	88°

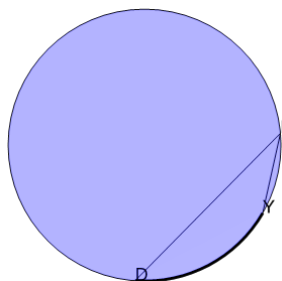
3



Find angle XPB if the intersected arc XB is 98°

a	49°	b	69°
c	29°	d	54°
e	196°	f	64°

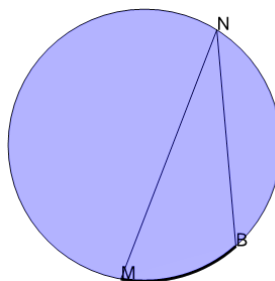
4



Find angle YMD if the intersected arc YD is 64°

a	37°	b	128°
c	27°	d	22°
e	32°	f	52°

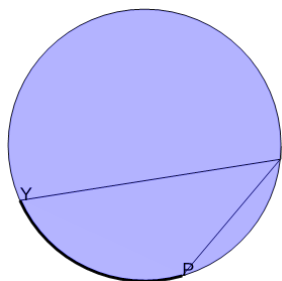
5



Find angle BNM if the intersected arc BM is 52°

a	26°	b	104°
c	1°	d	11°
e	31°	f	16°

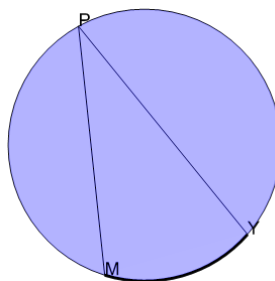
6



Find angle PMY if the intersected arc PY is 82°

a	56°	b	164°
c	26°	d	36°
e	31°	f	41°

7



Find angle YPM if the intersected arc YM is 66°

a	132°	b	33°
c	43°	d	48°
e	38°	f	8°