



Math worksheet on 'Geometry of Circles - Inscribed Angles Subtended by Same Arc with Paired Angle - Rule (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Practice'

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What is known about angle ZYM and PMY?

- a** ZYM and ZPM add to 180°
- b** ZYM is twice ZPM
- c** ZYM and ZPM add to 90°
- d** ZYM and ZPM add to 360°
- e** Nothing, ZYM and ZPM are not subtended by the same arc
- f** ZYM is the same as ZPM

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What is known about angle DCX and NDC?

- a** NXC and NDC add to 180°
- b** NXC is twice NDC
- c** NXC is half NDC
- d** NXC is the same as NDC
- e** NXC and NDC add to 360°
- f** Nothing, NXC and NDC are not subtended by the same arc

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What is known about angle MXD and MPD?

- a** MPD is half MXD
- b** Nothing, MPD and MXD are not subtended by the same arc
- c** MPD and MXD add to 180°
- d** MPD is the same as MXD
- e** MPD is twice MXD
- f** MPD and MXD add to 360°

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What is known about angle ZCD and XZC?

- a** XDC is half XZC
- b** XDC is twice XZC
- c** Nothing, XDC and XZC are not subtended by the same arc
- d** XDC and XZC add to 180°
- e** XDC and XZC add to 360°
- f** XDC is the same as XZC

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What is known about angle BMC and BPC?

- a** Nothing, BMC and BPC are not subtended by the same arc
- b** BMC and BPC add to 180°
- c** BMC and BPC add to 360°
- d** BMC and BPC add to 90°
- e** BMC is the same as BPC
- f** BMC is twice BPC

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What is known about angle CXY and CNY?

- a** CNY is half CXY
- b** CNY and CXY add to 180°
- c** CNY is twice CXY
- d** CNY and CXY add to 360°
- e** CNY is the same as CXY
- f** CNY and CXY add to 90°

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What is known about angle DPX and DCX?

- a** DPX is the same as DCX
- b** Nothing, DPX and DCX are not subtended by the same arc
- c** DPX and DCX add to 180°
- d** DPX is half DCX
- e** DPX and DCX add to 360°
- f** DPX is twice DCX