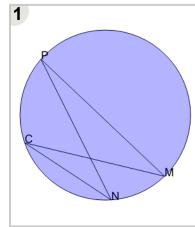
Name:__



Math worksheet on 'Geometry of Circles - Inscribed Angles Subtended by Same Arc - Rule (Level 1)'.

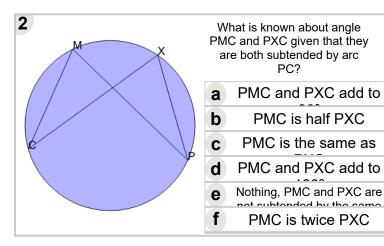
Part of a broader unit on 'Geometry - Intermediate - Practice'

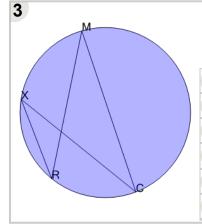
Learn online: app.mobius.academy/math/units/geometry_intermediate_practice/



What is known about angle MCN and MPN given that they are both subtended by arc MN?

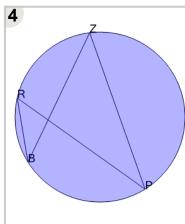
- a MCN and MPN add to
- **b** MCN is the same as
- c Nothing, MCN and MPN are
- d MCN is twice MPN
- e MCN and MPN add to
- f MCN and MPN add to





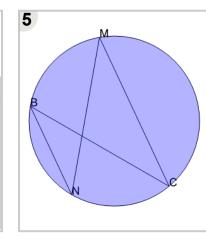
What is known about angle CXR and CMR given that they are both subtended by arc CR?

- a CXR is the same as
- **b** Nothing, CXR and CMR are
- c CXR and CMR add to
- d CXR and CMR add to
- e CXR and CMR add to
- **f** CXR is twice CMR



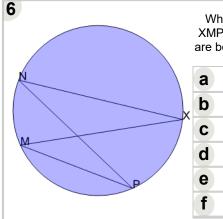
What is known about angle PRB and PZB given that they are both subtended by arc PB?

- a PRB and PZB add to
- **b** PRB is twice PZB
- c PRB is half PZB
- d PRB and PZB add to
- e PRB and PZB add to
- **f** PRB is the same as



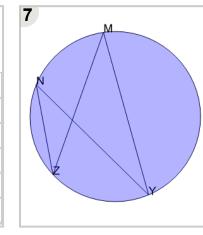
What is known about angle CBN and CMN given that they are both subtended by arc CN?

- a CBN is twice CMN
- **b** CBN is half CMN
- C Nothing, CBN and CMN are
- d CBN is the same as
- e CBN and CMN add to
- f CBN and CMN add to



What is known about angle XMP and XNP given that they are both subtended by arc XP?

- **a** XMP is the same as
- **b** XMP and XNP add to
- c XMP and XNP add to
- **d** XMP is twice XNP
- **e** XMP and XNP add to
- f Nothing, XMP and XNP are



What is known about angle YNZ and YMZ given that they are both subtended by arc YZ?

- a YNZ and YMZ add to
- **b** YNZ and YMZ add to
- **c** YNZ is half YMZ
- **d** YNZ is twice YMZ
- e YNZ is the same as
- **f** YNZ and YMZ add to