



Math worksheet on 'Geometry of Circles - Inscribed Triangle on Diameter - Missing Angle Rule (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Intro'

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**2**

What is known about angle BNP and BPN given that NP forms a diameter?

- a** BNP is half BPN
- b** Nothing, BNP and BPN are not subtended by the same
- c** BNP is twice BPN
- d** BNP and BPN add to
- e** BNP is the same as
- f** BNP and BPN add to

**1**

What is known about angle DZX and DXZ given that ZX forms a diameter?

- a** DZX and DXZ add to
- b** DZX and DXZ add to
- c** Nothing, DZX and DXZ are not subtended by the same
- d** DZX is twice DXZ
- e** DZX is the same as
- f** DZX and DXZ add to

**3**

What is known about angle ZBR and ZRB given that BR forms a diameter?

- a** ZBR and ZRB add to
- b** ZBR is the same as
- c** ZBR and ZRB add to
- d** Nothing, ZBR and ZRB are not subtended by the same
- e** ZBR is twice ZRB
- f** ZBR is half ZRB

**4**

What is known about angle PCR and PRC given that CR forms a diameter?

- a** PCR is half PRC
- b** PCR and PRC add to
- c** Nothing, PCR and PRC are not subtended by the same
- d** PCR and PRC add to
- e** PCR is twice PRC
- f** PCR is the same as

**5**

What is known about angle XBR and XRB given that BR forms a diameter?

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

**6**

What is known about angle CRB and CBR given that RB forms a diameter?

- a** CRB is half CBR
- b** Nothing, CRB and CBR are not subtended by the same
- c** CRB and CBR add to
- d** CRB is the same as
- e** CRB and CBR add to
- f** CRB and CBR add to

**7**

What is known about angle BXD and BDX given that XD forms a diameter?

- a** BXD is half BDX
- b** BXD is twice BDX
- c** BXD and BDX add to
- d** BXD and BDX add to
- e** Nothing, BXD and BDX are not subtended by the same
- f** BXD and BDX add to