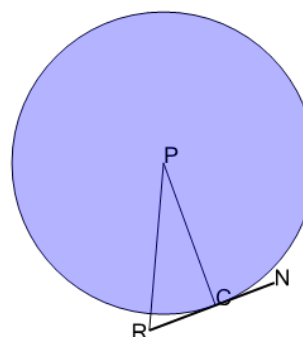




Math worksheet on 'Geometry of Circles - Tangent Triangle with Missing Angle - Rule (Level 1)'. Part of a broader unit on 'Geometry - Intermediate - Practice'

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

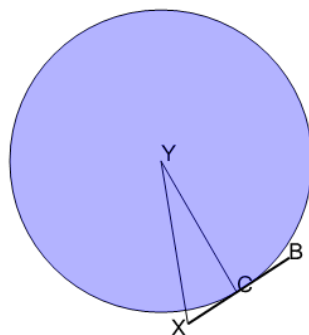
1



What is known about angle CPR and CRP given that NR forms a tangent?

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

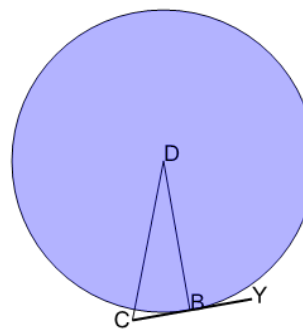
2



What is known about angle CYX and CXY given that BX forms a tangent?

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

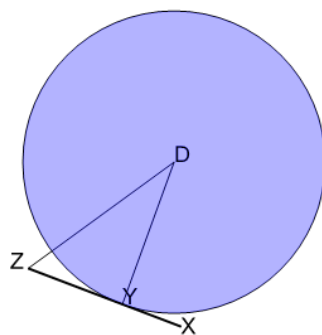
3



What is known about angle BDC and BCD given that YC forms a tangent?

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

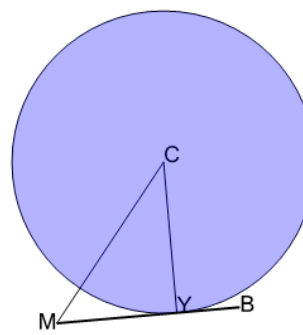
4



What is known about angle YDZ and YZD given that XZ forms a tangent?

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

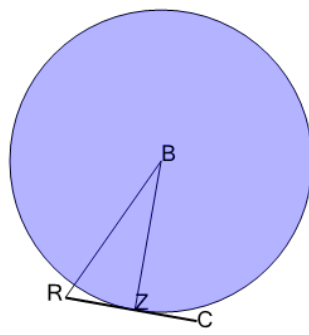
5



What is known about angle YCM and YMC given that BM forms a tangent?

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

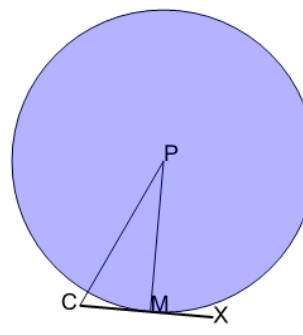
6



What is known about angle ZBR and ZRB given that CR forms a tangent?

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

7



What is known about angle MPC and MCP given that XC forms a tangent?

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