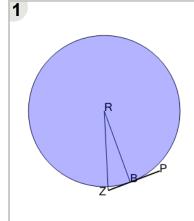
Name:



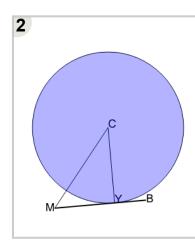
Math worksheet on 'Geometry of Circles - Tangent Triangle with Missing Angle - Rule (Level 1)'. Part of a broader unit on 'Geometry - Intermediate -Practice'

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



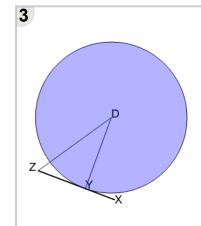
What is known about angle BRZ and BZR given that PZ forms a tangent?

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



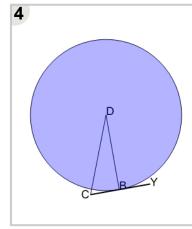
What is known about angle YCM and YMC given that BM forms a tangent?

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



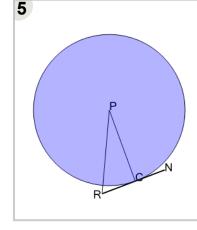
What is known about angle YDZ and YZD given that XZ forms a tangent?

- a YDZ and YZD add to
- **b** YDZ is the same as
- c Nothing, YDZ and YZD are
- **d** YDZ is twice YZD
- e YDZ and YZD add to
- **f** YDZ is half YZD



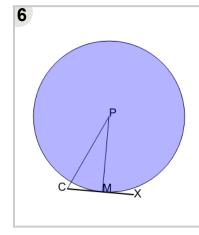
What is known about angle BDC and BCD given that YC forms a tangent?

- a BDC is the same as
- **b** BDC is half BCD
- c BDC and BCD add to
- **d** BDC and BCD add to
- e Nothing, BDC and BCD are
- **f** BDC and BCD add to



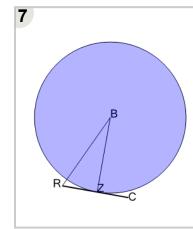
What is known about angle CPR and CRP given that NR forms a tangent?

- a CPR and CRP add to
- **b** CPR is the same as
- Nothing, CPR and CRP are
- d CPR is half CRP
- e CPR is twice CRP
- f CPR and CRP add to



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

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



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

- a ZBR and ZRB add to
- b Nothing, ZBR and ZRB are
- c ZBR and ZRB add to
- **d** ZBR and ZRB add to
- **e** ZBR is half ZRB
- f ZBR is the same as