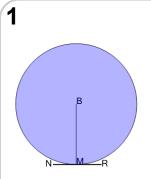


## mobius

## **Geometry of Circles - Tangent Angle**





## Find angle BMN in degrees given that RN forms a tangent

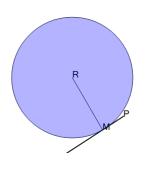
Α	75°	В	30°
С	45°	D	120°
E	105°	F	90°

2

Find angle NZY in degrees given that XY forms a tangent

Α	135°	В	75°
С	60°	D	30°
E	90°	F	180°

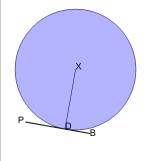
3



Find angle RMB in degrees given that PB forms a tangent

Α	75°	В	135°
С	90°	D	60°
Е	15°	F	150°

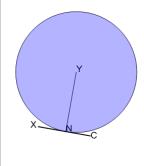
4



Find angle XDP in degrees given that BP forms a tangent

Α	90°	В	165°
С	105°	D	45°
E	180°	F	30°

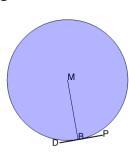
5



Find angle YNX in degrees given that CX forms a tangent

Α	180°	В	60°
С	45°	D	30°
E	120°	F	90°

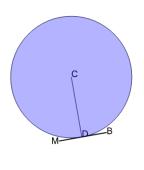
6



Find angle MBD in degrees given that PD forms a tangent

Α	60°	В	150°
С	135°	D	90°
E	165°	F	45°

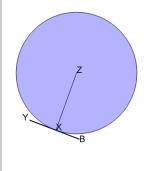
7



Find angle CDM in degrees given that BM forms a tangent

Α	45°	В	180°
С	60°	D	90°
Е	105°	F	150°

8



Find angle ZXY in degrees given that BY forms a tangent

Α	90°	В	30°	
С	180°	D	15°	
E	165°	F	150°	