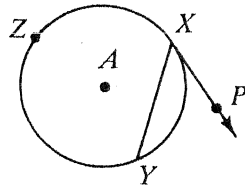


Example 5

If \overrightarrow{XP} is tangent to $\odot A$ and $m\widehat{XZY} = 260$, find $m\widehat{XY}$ and $m\angle PXY$.



Solution

$m\widehat{XY} =$ _____

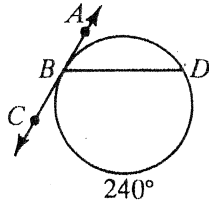
$m\angle PXY =$ _____

Complete.

10. $m\angle CBD =$ _____

11. $m\widehat{BD} =$ _____

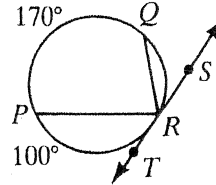
12. $m\angle ABD =$ _____



13. $m\angle PRT =$ _____

14. $m\angle PRQ =$ _____

15. $m\angle QRS =$ _____



\overleftrightarrow{AC} is tangent to $\odot Z$ at B . \overline{BE} is a diameter and $m\angle DBC = 75$.

16. $m\widehat{DE} =$ _____

18. $m\widehat{DB} =$ _____

20. $m\angle BDE =$ _____

17. $m\angle EBD =$ _____

19. $m\angle DEB =$ _____

21. $m\widehat{BFE} =$ _____

