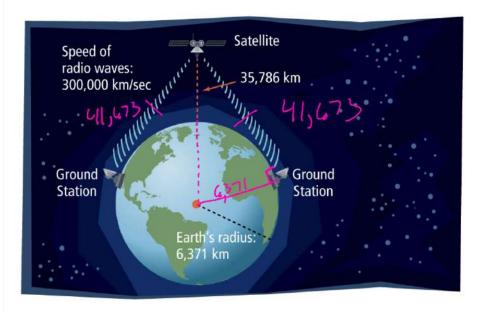
A satellite requires a line of sight for communication. Between the ground stations farthest from the satellite, what is the amount of time needed for a signal to go from one station up to the satellite, and then down to the other station?

35,786 + 4,571 = 42,157

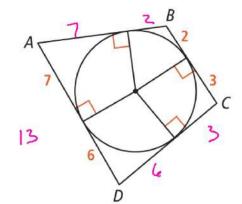


 $(371^{2}+b^{2}=42,157^{2})$ b=41,673 Km $\frac{83,346}{300,000}$.275cc

4. What is the perimeter of ABCD?

Enter your answer.

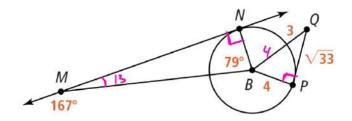
CHECK ANSWER



5. Is \overrightarrow{MN} tangent to $\bigcirc B$?

Enter y Nonswer

. Is \overline{QP} tangent to $\bigcirc B$?



 $7^{2}-4^{2}=(\sqrt{355})^{2}$ $4^{2}+(\sqrt{355})^{2}=7^{2}$ 16+35=49 49=49

7. Segment AC is tangent to $\odot D$ at B. Find $m \angle ADB$.

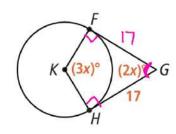
Enter your answer

 $A = \frac{5^{2} + 13c^{2} = 9^{2}}{5^{2} + 13c^{2} = 81}$ $25 + 13c^{2} = 81$ $13c^{2} = 54$ $13t^{2} = \sqrt{54}$ $= 3\sqrt{6}$

Segment AC is tangent to $\odot D$ at B. Find BC.

9. Segment FG is tangent to $\bigcirc K$ at F and \overline{HG} is tangent to $\bigcirc K$ at H. Find FG.

Enter your answer.



$$90+90+3x+2x=340$$

 $X=36$

10. Segment FG is tangent to $\bigcirc K$ at F and \overline{HG} is tangent to $\bigcirc K$ at H. Find $m \angle FGH$.