4.2 - Inscribed Angles

Find each measure.

 1. mCED  \_\_\_\_\_\_\_\_\_ 2. mFGI  \_\_\_\_\_\_\_\_\_

  \_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_

 3.  \_\_\_\_\_\_\_\_\_ 4. mXVU  \_\_\_\_\_\_\_\_\_

  \_\_\_\_\_\_\_\_\_ mVXW  \_\_\_\_\_\_\_\_\_

 5. mBAC  \_\_\_\_\_\_\_\_\_\_ 6. mIHJ \_\_\_\_\_\_\_\_\_\_

  \_\_\_\_\_\_\_\_\_\_  \_\_\_\_\_\_\_\_\_\_

Find each value.

 7. x  \_\_\_\_\_\_\_\_\_\_ 8. z  \_\_\_\_\_\_\_\_\_\_

 9. mVUS  \_\_\_\_\_\_\_\_\_\_ 10. mZWY  \_\_\_\_\_\_\_\_\_\_

Find the angle measures of each inscribed quadrilateral.

 11. m*B*  \_\_\_\_\_\_\_\_\_\_ 12. m*F*  \_\_\_\_\_\_\_\_\_\_

 m*C*  \_\_\_\_\_\_\_\_\_\_ m*G*  \_\_\_\_\_\_\_\_\_\_

 m*D*  \_\_\_\_\_\_\_\_\_\_ m*H*  \_\_\_\_\_\_\_\_\_\_

 m*E*  \_\_\_\_\_\_\_\_\_\_ m*I*  \_\_\_\_\_\_\_\_\_\_

 13. m*X*  \_\_\_\_\_\_\_\_ 14. m*C*  \_\_\_\_\_\_\_\_

 m*Y*  \_\_\_\_\_\_\_\_ m*D*  \_\_\_\_\_\_\_\_

 m*Z*  \_\_\_\_\_\_\_\_ m*E*  \_\_\_\_\_\_\_\_

 m*W*  \_\_\_\_\_\_\_\_ m*F*  \_\_\_\_\_\_\_\_

 15. m*T*  \_\_\_\_\_\_\_\_ 16. m*K*  \_\_\_\_\_\_\_\_

 m*U*  \_\_\_\_\_\_\_\_ m*L*  \_\_\_\_\_\_\_\_

 m*V*  \_\_\_\_\_\_\_\_ m*M*  \_\_\_\_\_\_\_\_

 m*W*  \_\_\_\_\_\_\_\_ m*N*  \_\_\_\_\_\_\_\_

 17. Lyla has not learned how to stop on ice skates yet, so she just
skates straight across the circular rink until she hits a wall. She
starts at P, turns 75° at Q, and turns 100° at R. Find how many
degrees Iyla will turn at S to get back to her starting point.

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_