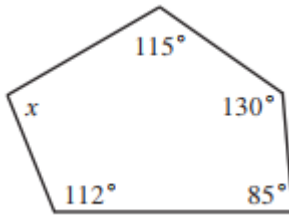


Interior Angles of a Polygon 3

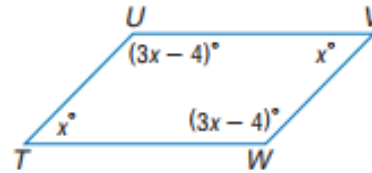
- The sum of the interior angles of a polygon is $180(n-2)$ where n is the number of sides.

In each diagram find the measure of the missing angles. Recall the interior angle sum is $180(n-2)$.

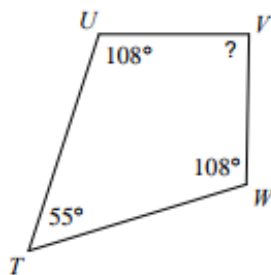
1. Find x .



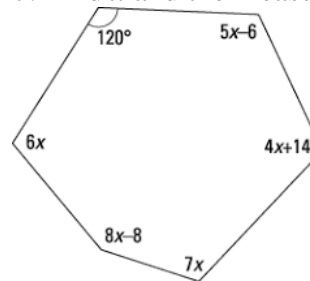
6. Find x and the measure of each missing angle.



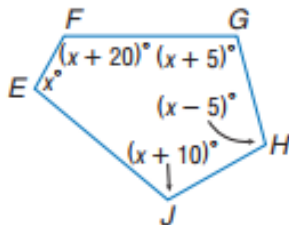
2. Find ?.



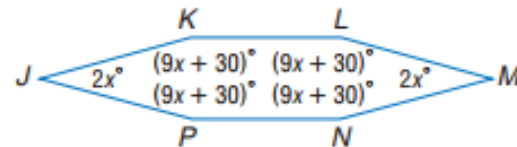
7. Find x and the measure of each missing angle.



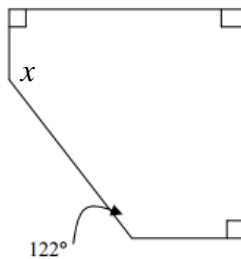
3. Find x and the measure of each missing angle.



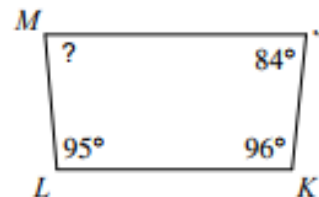
8. Find x and the measure of each missing angle.



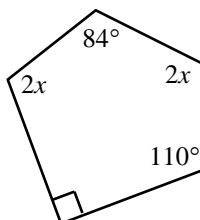
4. Find x .



9. Find ?.



5. Find x and the two missing angles.



10. Find z and the measure of the two missing angles.

