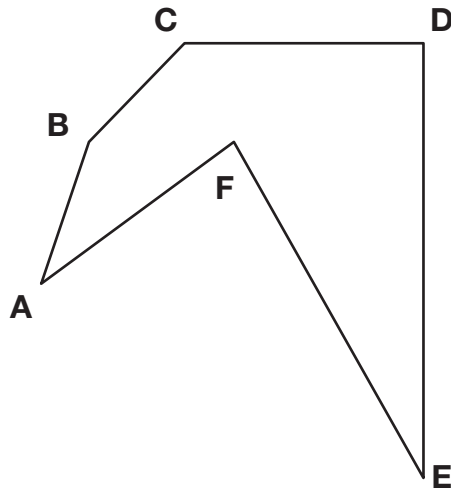
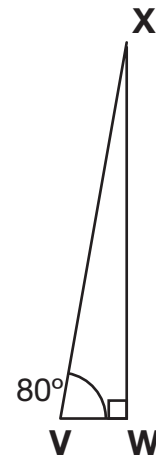
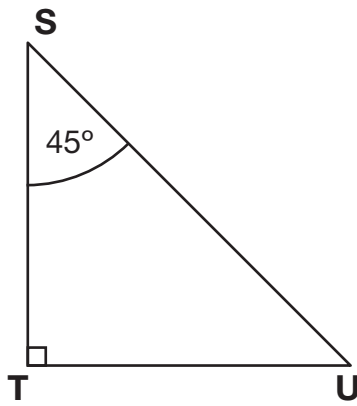
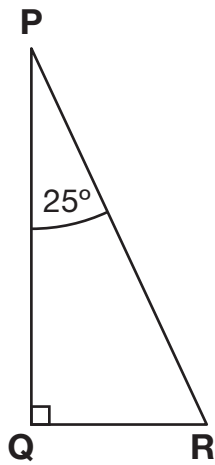


Add and Subtract Angles

1. Measure the angles of hexagon ABCDEF. Write your measurement next to each angle.

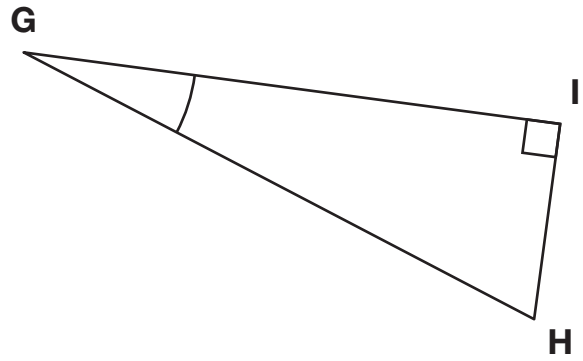


2. Find the missing angle measurements in the triangles below. Write the measurement next to each angle.



3. Look at the triangles in Question 2.
- Find the sum of $\angle P$ and $\angle R$.
 - Find the sum of $\angle S$ and $\angle U$.
 - Find the sum of $\angle X$ and $\angle V$.
 - What pattern do you see in the sum of each pair of angles?

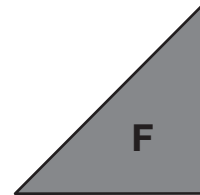
4. The sum of $\angle G$ and $\angle I$ is 110° . Find the measure of $\angle G$ and $\angle H$. Write the angle measure next to the angle.



5. Each number sentence shows how the angles in some Power Polygons™ are put together. Find the missing angle in each number sentence. Then match the number sentence to the picture it describes on the right.

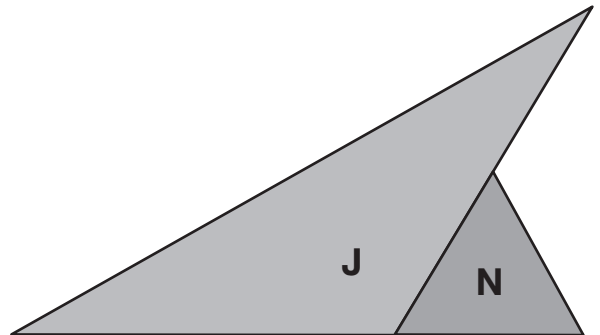
A. $30^\circ + n + 30^\circ = 90^\circ$

$n =$ _____



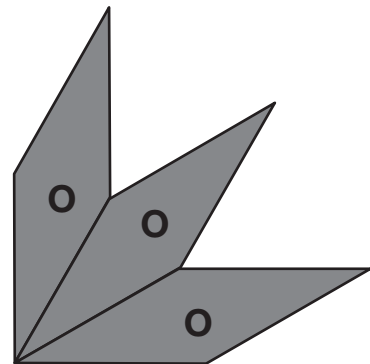
B. $60^\circ + 60^\circ + n = 180^\circ$

$n =$ _____



C. $45^\circ + 90^\circ + n = 180^\circ$

$n =$ _____



D. $120^\circ + n = 180^\circ$

$n =$ _____

