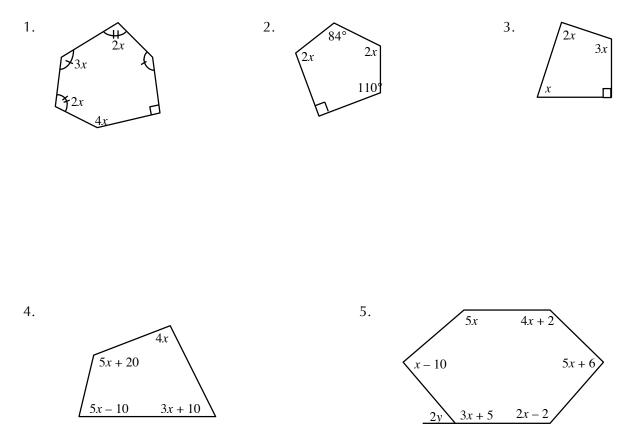
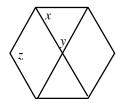
Name:	
Date:	Block:

## Polygon Sum and Exterior Angle Sum Theorem

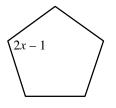
<u>Directions</u>: For each polygon, solve for *x* and *y*.



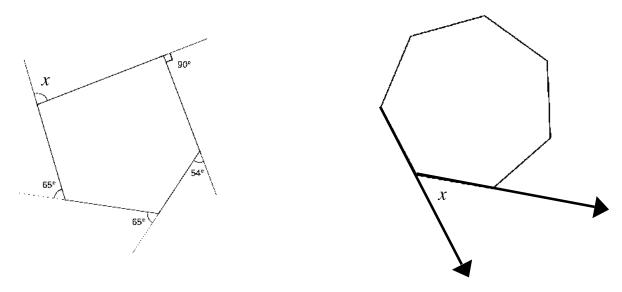
6. This is a regular hexagon



7. This is a regular pentagon



9. This is a regular heptagon.



10. An exterior angle of an *n*-sided regular polygon has a measure of 60°. How many sides does the polygon have?