

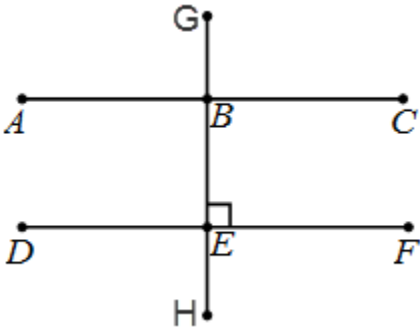


**Practice Proofs:** Complete a two-column, Paragraph, or Flow Chart Proof.

7. Given:  $\angle ABG \cong \angle CBG$   
 $\angle FEB$  is right

Prove:  $\overline{AC} \parallel \overline{DF}$

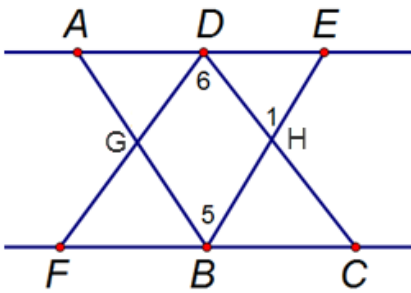
Hint: How are angles  $\angle ABG$  and  $\angle CBG$  both right angles?



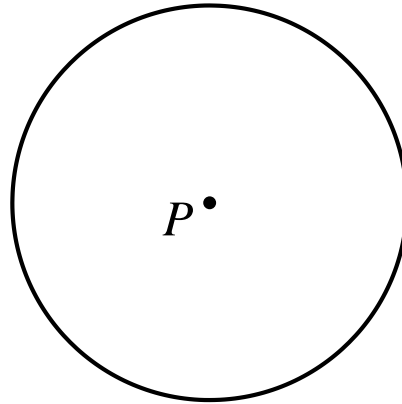
8. Given:  $\overline{AB} \parallel \overline{CD}$   
 $\overline{DF} \parallel \overline{BE}$

Prove:  $\angle 5 \cong \angle 6$

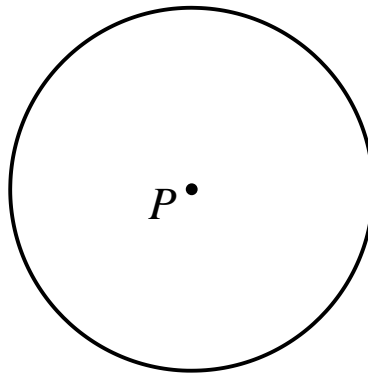
Hint: Look for a "Z" and "F"



9. Construct an inscribed square inside circle P.



10. Construct an inscribed regular hexagon in circle P.



11. Use the hexagon construction to construct an inscribed equilateral triangle in circle P.

