

Name _____

Date _____

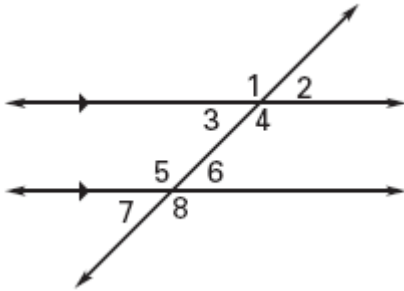
LESSON 3.2

Practice C

For use with pages 153–160

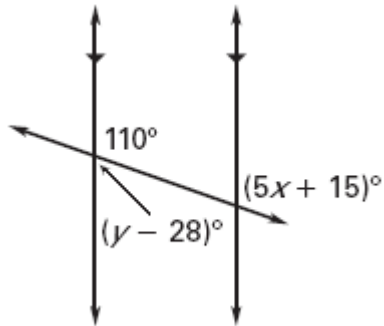
Find the angle measure. Tell which postulate or theorem you use.

1. If $m\angle 1 = 114^\circ$, then $m\angle 5 = \underline{\quad? \quad}$.
2. If $m\angle 3 = 68^\circ$, then $m\angle 6 = \underline{\quad? \quad}$.
3. If $m\angle 7 = 64^\circ$, then $m\angle 2 = \underline{\quad? \quad}$.

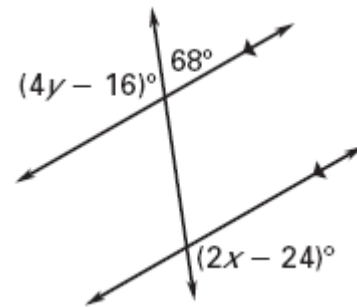


Find the values of x and y .

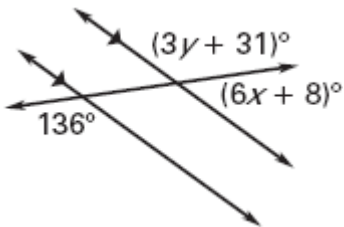
4.



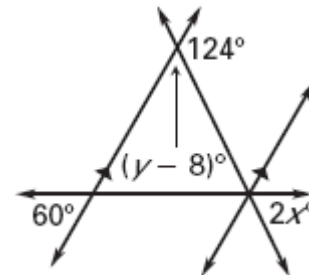
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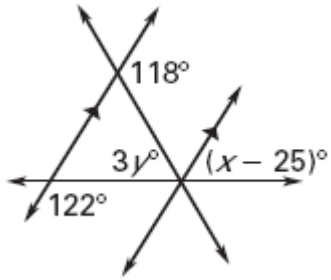
6.



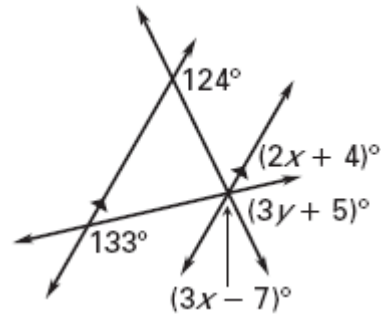
7.



8.

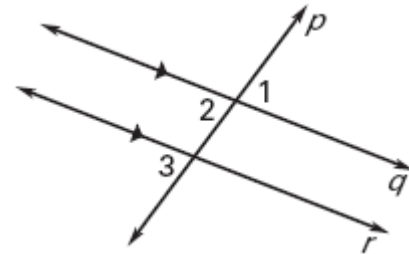


9.



10. **GIVEN:** $q \parallel r$
PROVE: $\angle 1 \cong \angle 3$

Statements	Reasons



11. **GIVEN:** $q \parallel r, p \parallel t$
PROVE: $\angle 1 \cong \angle 3$

Statements	Reasons

