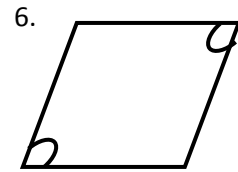
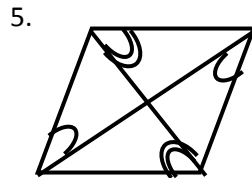
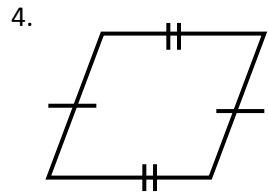
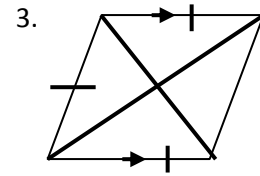
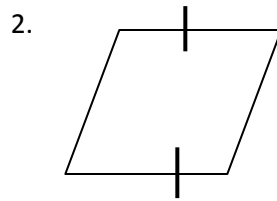
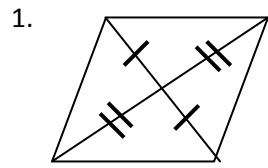


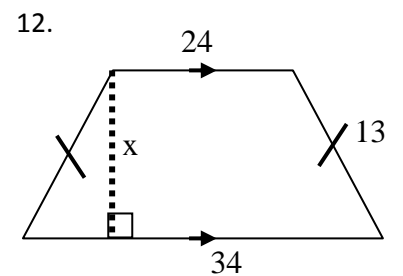
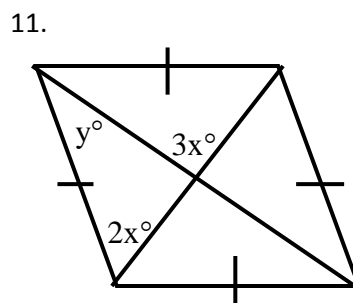
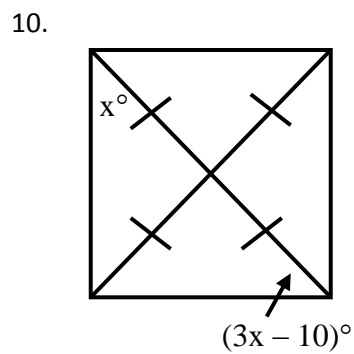
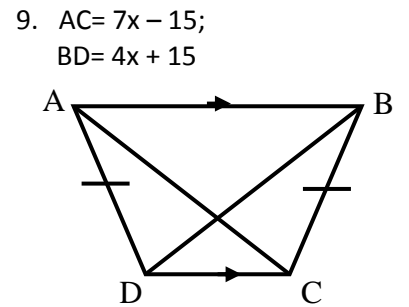
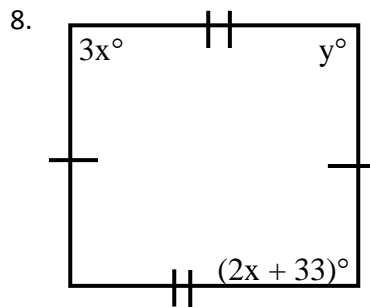
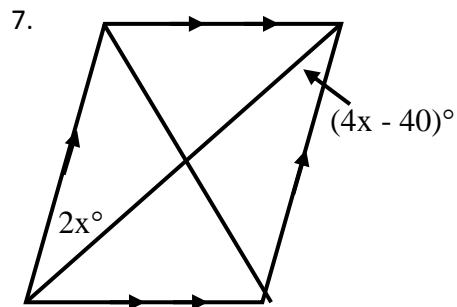
PAP Geometry
Ch 10 Review

Name _____
 Period _____

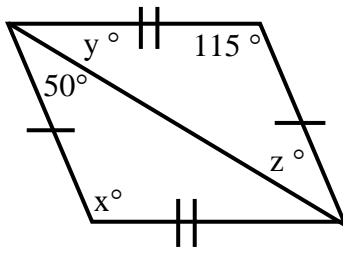
I. Based on the markings, decide if each figure is a parallelogram. Justify your answer.



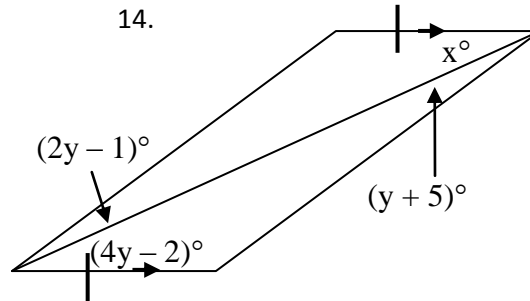
II. Find the values of the variables for each figure.



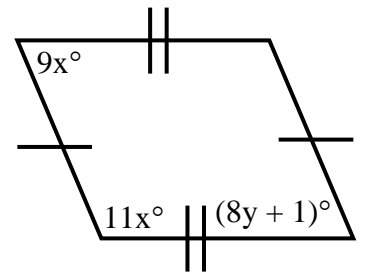
13.



14.



15.



16. JKLM is a square with diagonals meeting at R. If $m\angle MJR = (8x + 5)^\circ$, and $m\angle KRL = (7y + 6)^\circ$, find the value of x & y .

17. EFGH is a rectangle, diagonals meeting at I. If $m\angle FIG = (2x + 16)^\circ$ & $m\angle EFH = (7x - 16)^\circ$, find $m\angle FHG$.

18. ABCD is a trapezoid with legs BC and AD. EF is the midsegment. If $AB = 3x - 3$, $EF = 2x + 1$, and $DC = 8$, find the value of x .

19. The measure of an interior angle of a regular polygon is given. Find the number of sides in each polygon.

a. 150

b. 160

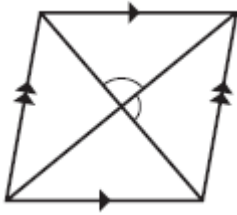
c. 168.75

d. 165

20. The measure of each interior angle of a regular polygon is 8 times that of an exterior angle. How many sides are in the polygon?

For 24 – 26, determine the most specific name for each quadrilateral:

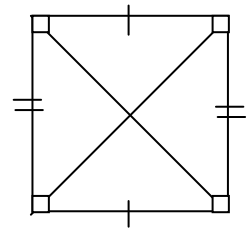
21.



22.



23.



24. Given: parallelogram $PLAO$ with $AO \cong AN$.
Prove: $\angle P \cong \angle N$

