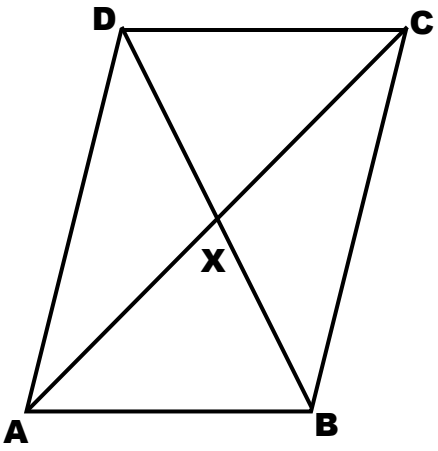
Independent Practice: **PARALLELOGRAMS**

NAME: _____ DATE: _____ PERIOD: _____

For # 1 – 5, refer to the figure shown on the right.



1. Name the parallelogram: _____
2. If AD = 10, then BC = _____
3. If AC = 15, then AX = _____
4. If m∠CDA = 111°, then m∠ABC = _____
5. If m∠DAB = 69°, then m∠ABC = _____

For #6 – 8, draw and label a diagram to represent each problem then find the values indicated.

6. If LMNO is a parallelogram, LM = $2y - 9$ and NO = $y - 2$, find the value of *y*.

   y = _____

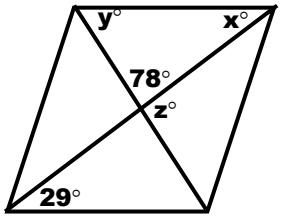
7. RSTV is a parallelogram. $\overline{RT}$ and $\overline{SV}$ intersect at Q. RQ = $5x + 1$ and QT = $3x + 15$. Find QT.

   QT = _____

8. RATS is a parallelogram. m∠S = $(8x)°$ and m∠T = $(7x)°$, then find the value of ***x***.

   x = _____

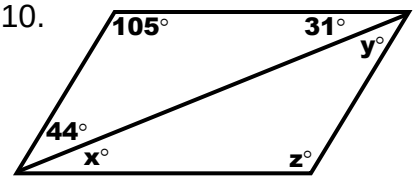
For # 9 – 14, if each quadrilateral is a parallelogram, find the indicated values.

9. 

x = _____

y = _____

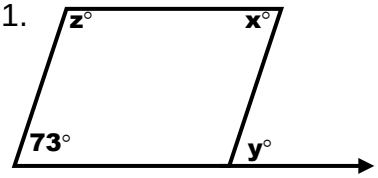
z = _____

10. 

x = _____

y = _____

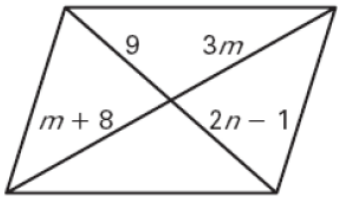
z = _____

11. 

x = _____

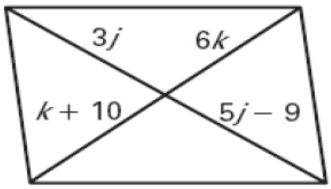
y = _____

z = _____

12. 

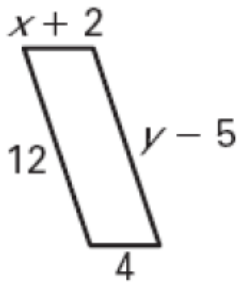
m = _____

n = _____

13. 

j = _____

k = _____

14. 

x = _____

y = _____