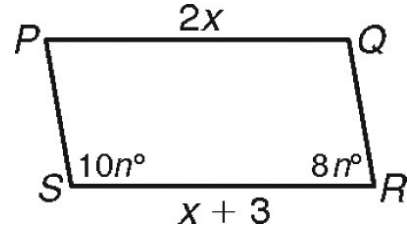


Mod 9 Review

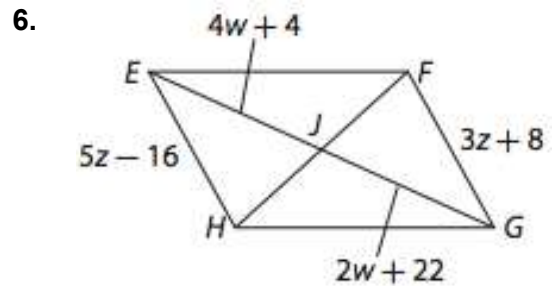
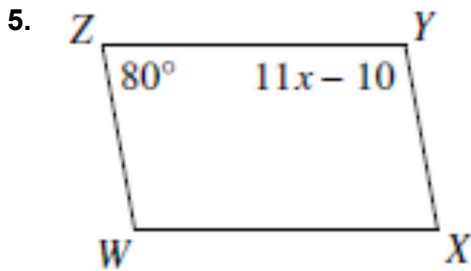
Name: _____ Per. _____

For Problems 1-4, $PQRS$ is a parallelogram. Find each value.

1. $x =$ _____
2. $n =$ _____
3. $m\angle S =$ _____
4. $m\angle Q =$ _____

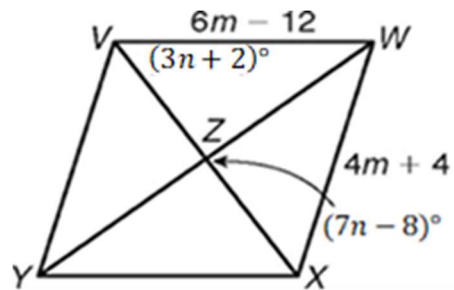


For Problems 5-6, find the value of each variable in the parallelogram.



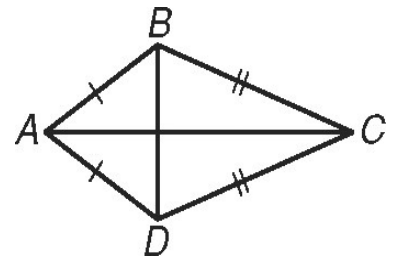
For Problems 7-10, $VWXY$ is a rhombus. Find each value.

7. $m =$ _____
8. $n =$ _____
9. $m\angle WVX =$ _____
10. $m\angle WVY =$ _____

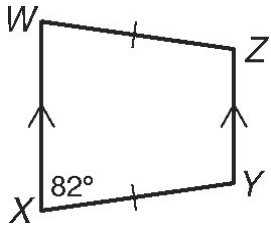


In Problems 11-13, $ABCD$ is a kite with $m\angle BAC = 35^\circ$ and $m\angle BCD = 44^\circ$. Find each value.

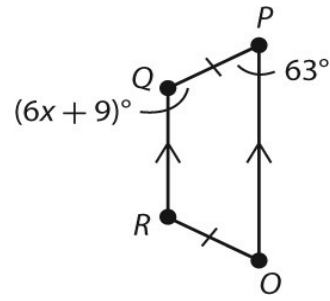
11. $m\angle ABD$
12. $m\angle DCA$
13. $m\angle ABC$



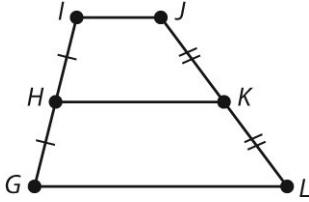
14. Find $m\angle W$ in the isosceles trapezoid below.



15. Find the value of x in the trapezoid below.



16. $GILJ$ is a trapezoid with mid-segment \overline{HK}



If $IJ = 4$ and $GL = 12$, find HK .

17. $ABCD$ is a kite.

a. Find $m\angle BEC$.

b. If $BC = 14$ and $EC = 6$, find BE .

