

6-4

Practice

Form G

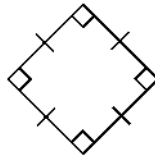
Properties of Rhombuses, Rectangles, and Squares

Decide whether the parallelogram is a *rhombus*, a *rectangle*, or a *square*. Explain.

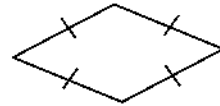
1.



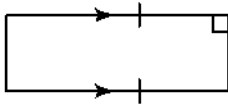
2.



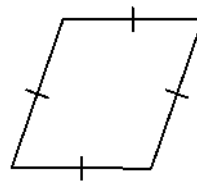
3.



4.

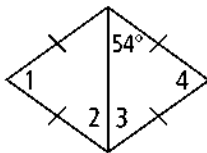


5.

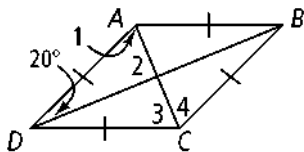


Find the measures of the numbered angles in each rhombus.

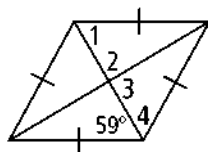
5.



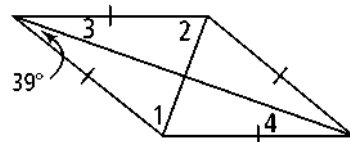
6.



7.



8.



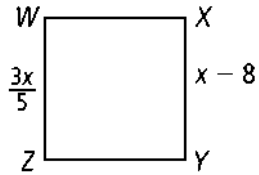
Algebra $H I J K$ is a rectangle. Find the value of x and the length of each diagonal.

9. $HJ = 3x + 5$ and $IK = 5x - 9$

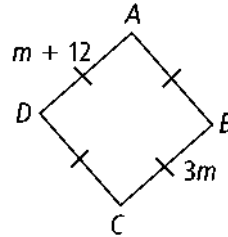
Name _____ Class _____ Date _____

Algebra Find the values of the variables. Then find the side lengths.

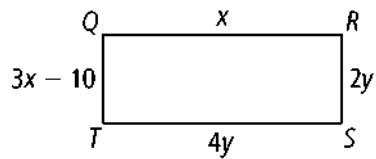
10. square $WXYZ$



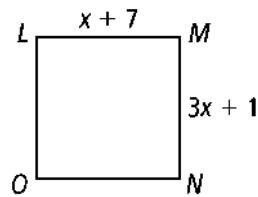
11. rhombus $ABCD$



26. rectangle $QRST$



27. square $LMNO$



28. Solve using a paragraph proof.

Given: Rectangle $DVEO$ with diagonals \overline{DE} and \overline{OV}

Prove: $\triangle OVE \cong \triangle DEV$