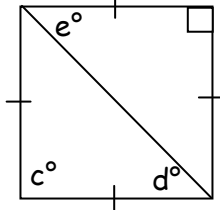


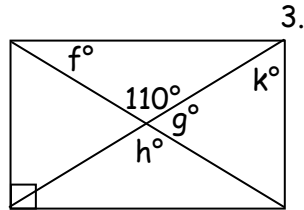
EVALUATE

For #1-3, determine the best name for each parallelogram and find the values of all variables.

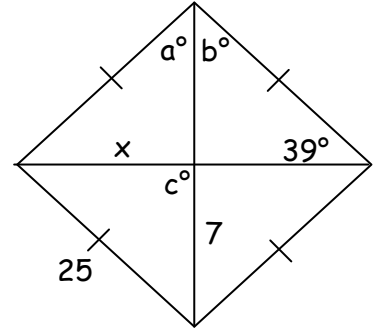
1.



2.



3.



For #4-8, draw and label a picture for each problem. Solve and show all work.

4. ABCD is a rectangle. If $AB = 2x + 14$, $CD = 4x - 12$, and $AD = 9$, find AB and AC.

5. WXYZ is a rhombus with diagonals meeting at M. If $WM = 3x + 7$ and $YM = 5x - 3$, find WY.

6. 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 and y .
7. ABCD is a rhombus. $AB = y^2$ and $BC = y + 30$.
Find CD.
8. ABCD is a rhombus. If $m\angle ABC = (4x + 45)^\circ$, and
 $m\angle ADC = (x^2)^\circ$, find $m\angle ABC$ and $m\angle BDC$.