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


Find the measures of the numbered angles in each rhombus.

10.

14.


Algebra $L M N P$ is a rectangle. Find the value of $x$ and the length of each diagonal.
18. $L N=x$ and $M P=2 x-4$
19. $L N=5 x-8$ and 1

Determine the most precise name for each quadrilateral.
24.

25.

26.

27.


List the quadrilaterals that have the given property. ( parallelogram, rhombus, rectangle, and square.
28. All sides are $\cong$.
30. Opposite sides are \|.
32. All $\triangle$ are right $\angle$.
34. Diagonals bisect each other.
36. Diagonals are $\perp$.

Algebra Find the value(s) of the variable(s) for each parallelogram.
42. $R Z=2 x+5$,

43. $m \angle 1=3 y-6$


Algebra Find the value of $x$ in the rhombus.


