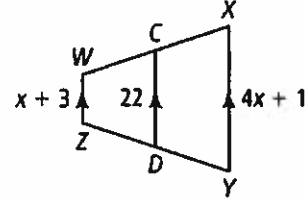


# 6-6 Practice (continued)

Form G

17.  $\overline{CD}$  is the midsegment of trapezoid  $WXYZ$ .

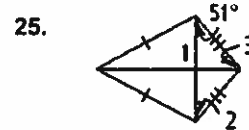
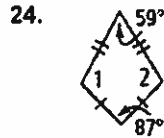
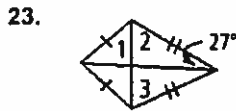
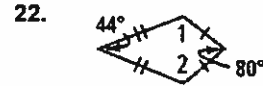
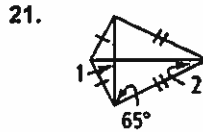
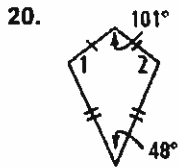
- What is the value of  $x$ ?
- What is  $XY$ ?
- What is  $WZ$ ?



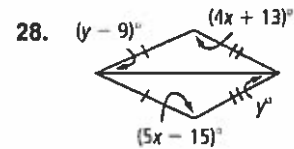
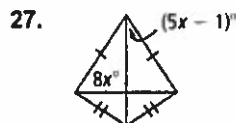
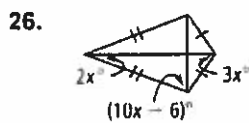
18. **Reasoning** The diagonals of a quadrilateral form two acute and two obtuse angles at their intersection. Is this quadrilateral a kite? Explain.

19. **Reasoning** The diagonals of a quadrilateral form right angles and its side lengths are 4, 4, 6, and 6. Could this quadrilateral be a kite? Explain.

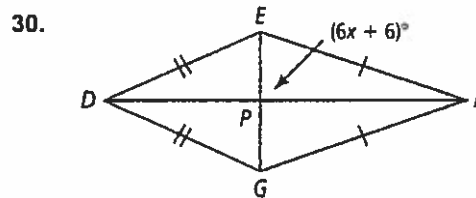
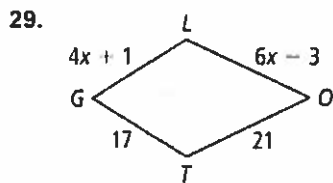
Find the measures of the numbered angles in each kite.



Algebra Find the value(s) of the variable(s) in each kite.



For which value of  $x$  is each figure a Kite?

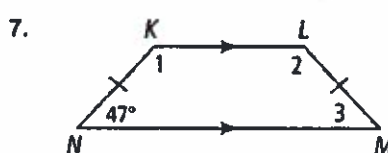
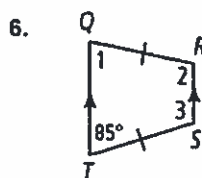
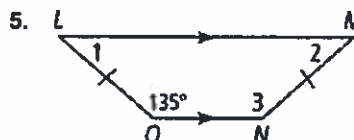
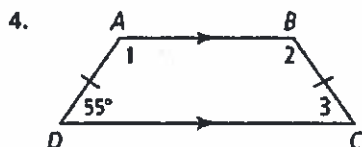
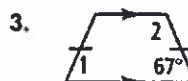
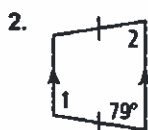


# 6-6

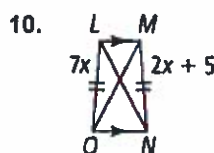
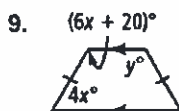
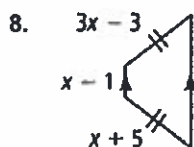
## Practice Trapezoids and Kites

Form G

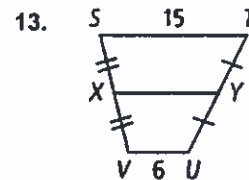
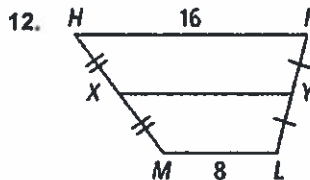
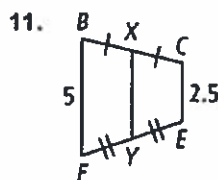
Find the measures of the numbered angles in each isosceles trapezoid.



Algebra Find the value(s) of the variable(s) in each isosceles trapezoid.



Find  $XY$  in each trapezoid.



Algebra Find the lengths of the segments with variable expressions.

