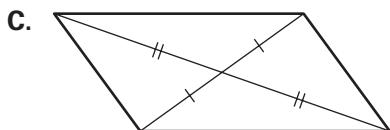
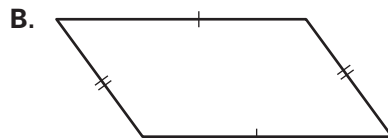
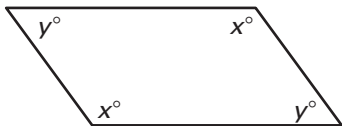


# Practice A

For use with pages 316–324

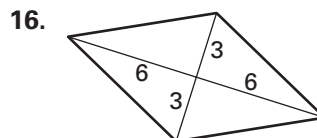
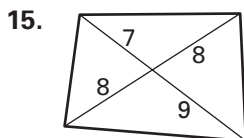
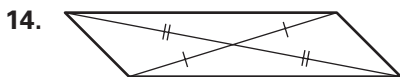
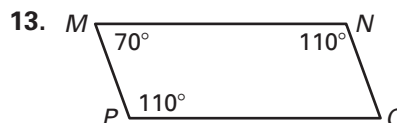
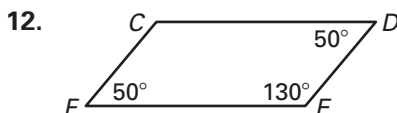
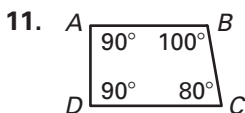
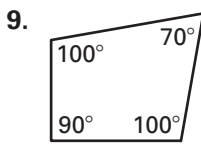
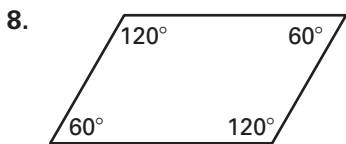
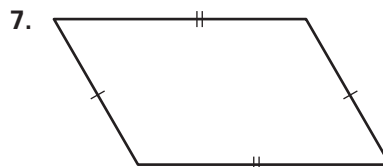
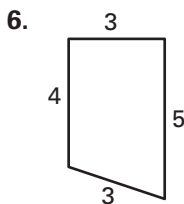
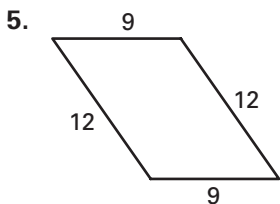
Match the figure with the method you would use to show that it is a parallelogram.

A.  $x^\circ + y^\circ = 180^\circ$



- Show that both pairs of opposite sides are congruent.
- Show that both pairs of opposite angles are congruent.
- Show that one angle is supplementary with both of its consecutive angles.
- Show that the diagonals bisect each other.

Tell whether the quadrilateral is a parallelogram. Explain your reasoning.



The figure at the right shows a musical note with quadrilateral *ABCD*.

- Tell two ways to show that quadrilateral *ABCD* is a parallelogram using angles.
- Tell two ways to show that quadrilateral *ABCD* is a parallelogram using sides.

