

# Practice

For use after 9-3 (pp. 370-372)

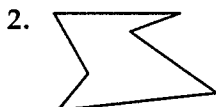
Wksht 8.6a

## Polygons and Quadrilaterals

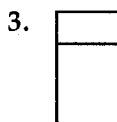
Is the figure a polygon? Write *yes* or *no*.



\_\_\_\_\_



\_\_\_\_\_

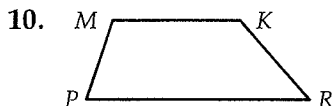


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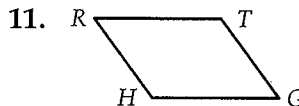
Tell whether the statement is *true* or *false*.

4. A quadrilateral is a polygon with four sides. \_\_\_\_\_
5. All quadrilaterals are parallelograms. \_\_\_\_\_
6. A rhombus is an equilateral parallelogram. \_\_\_\_\_
7. A square is a rectangle. \_\_\_\_\_
8. No trapezoid is a parallelogram. \_\_\_\_\_
9. All squares are convex polygons. \_\_\_\_\_

Give two other correct names for each figure.

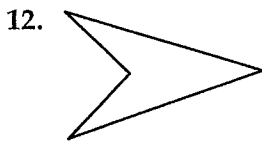


trapezoid *PMKR* \_\_\_\_\_

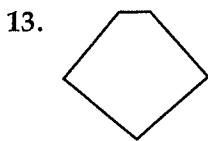


parallelogram *RTGH* \_\_\_\_\_

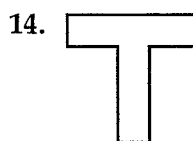
Write whether the polygon is concave or convex. Then classify the polygon by the number of sides.



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Draw a figure to fit each description.

15. convex hexagon
16. triangle
17. concave quadrilateral