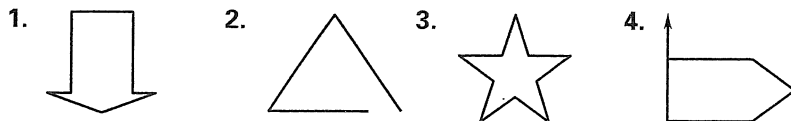


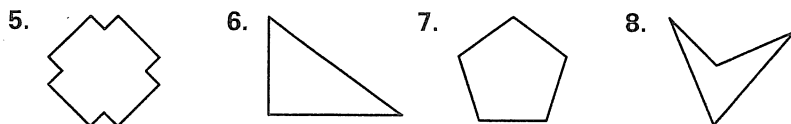
Chapter Test B

For use after Chapter 6

Decide whether the figure is a polygon.



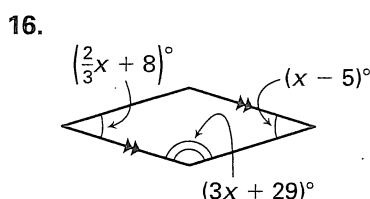
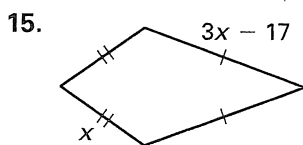
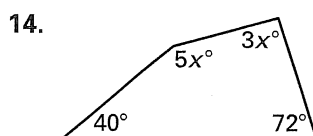
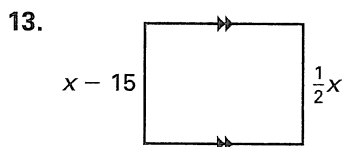
State whether the figure is *convex* or *concave*.



Decide whether the statement is *always*, *sometimes*, or *never* true.

9. A rhombus is a square.
10. A rectangle is a parallelogram.
11. A trapezoid is a parallelogram.
12. A parallelogram is a rectangle.

Find the values of x .



1. _____
2. _____
3. _____
4. _____
5. _____
6. _____
7. _____
8. _____
9. _____
10. _____
11. _____
12. _____
13. _____
14. _____
15. _____
16. _____
17. _____
18. _____
19. _____
20. _____

Decide if you are given enough information to prove that the quadrilateral is a parallelogram.

17. One pair of opposite sides are congruent.
18. Two pairs of opposite angles are congruent.
19. Consecutive angles are congruent.
20. Diagonals are perpendicular.

Review and Assess