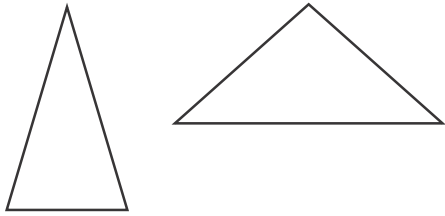


Name _____

1. Which of the following correctly describes the triangles? Select all that apply.

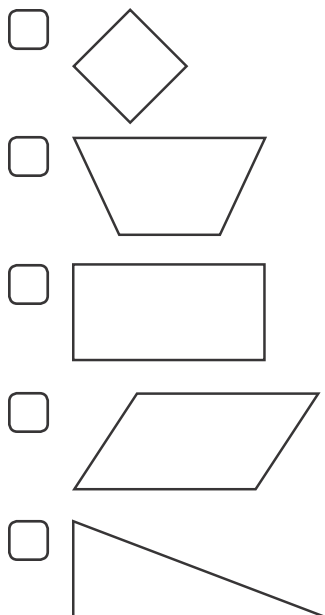


- Both triangles are isosceles.
 Both triangles have a right angle.
 Both triangles have an obtuse angle.
 Both triangles are equilateral.
 Both triangles have two acute angles.

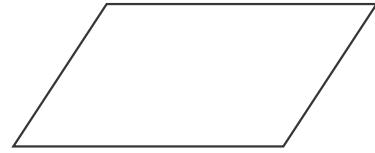
2. Which statement is true?

- (A) Trapezoids are squares.
 (B) A rhombus is a trapezoid.
 (C) Trapezoids are quadrilaterals.
 (D) Parallelograms are squares.

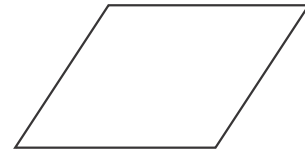
3. Select the shapes that are rectangles.



4. This tile has two pairs of parallel sides. What type of quadrilateral is it? Explain.

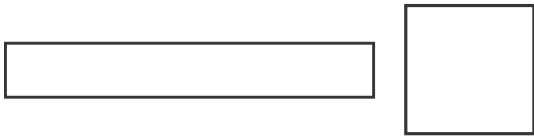


5. Identify the figure below using as many names as possible.



6. Claim 1: A trapezoid is a quadrilateral because it has four sides.
 Claim 2: A trapezoid is a parallelogram because it has a pair of parallel sides.
 Which claim is correct? Explain.

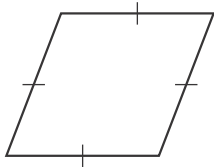
7. Look at the rectangle and square below.



A. How are the two figures the same?

B. How are the two figures different?

8. Identify the figure below using as many names as possible.



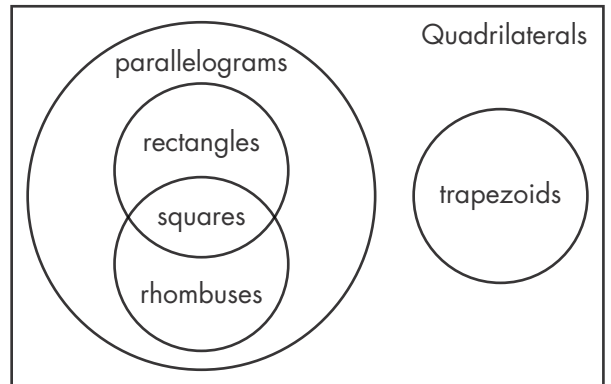
9. Identify the figure below using as many names as possible.



10. What shape has only one pair of opposite sides that are parallel and does **NOT** have four right angles?

- (A) Square (C) Rectangle
- (B) Trapezoid (D) Rhombus

11. Use the Venn diagram. Are trapezoids always, sometimes, or never also parallelograms? Explain.



12. Describe triangle *ABC* in terms of its sides and angles.

