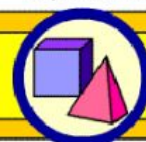


Name \_\_\_\_\_ Date \_\_\_\_\_

Geometry  
Properties of Shapes



# Polygons



Write the letter of the matching definition by each vocabulary word.

angle \_\_\_\_\_

polygon \_\_\_\_\_

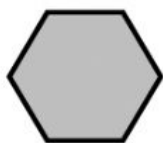
regular polygon \_\_\_\_\_

side \_\_\_\_\_

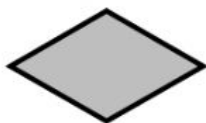
vertex \_\_\_\_\_

- a. any of the line segments that form a polygon
- b. a polygon with equal sides and equal angles
- c. a closed plane figure made of line segments
- d. a plane figure that does not completely enclose an area
- e. formed where two sides of a polygon meet
- f. the point at which two line segments meet to form an angle

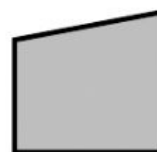
Write the most descriptive name for each shape.



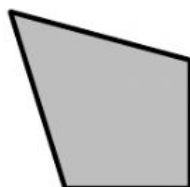
\_\_\_\_\_



\_\_\_\_\_



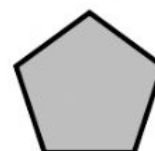
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

Name \_\_\_\_\_ Date \_\_\_\_\_

Geometry  
Properties of Shapes

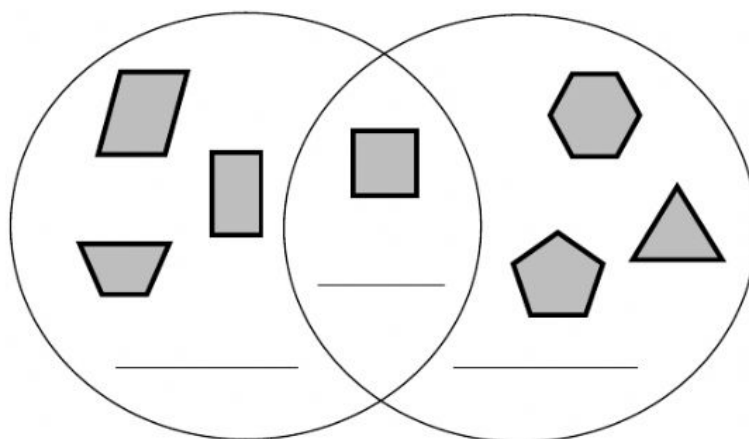


# Polygons

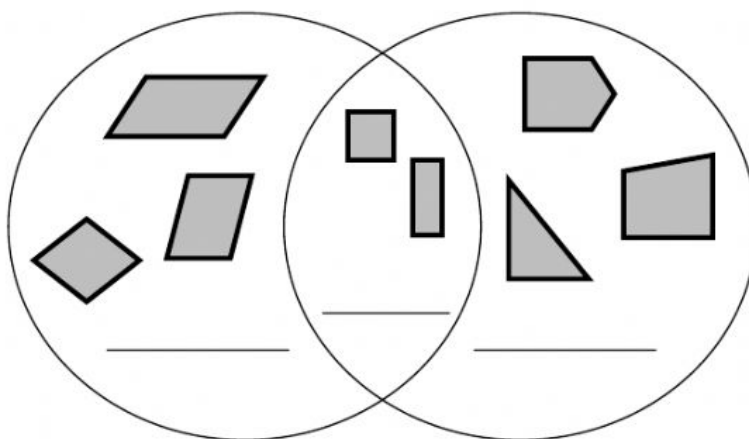


Label each part of the Venn diagrams.

A.



B.



Name \_\_\_\_\_ Date \_\_\_\_\_

Geometry  
Properties of Shapes



## Connections



**Today I learned:**

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### Just for Fun

Cut out the tangrams on the following page. Use these shapes to create different polygons. Record the name of the polygon you created, and tell how many pieces you used to create it.

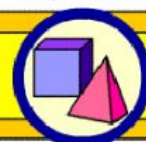
Shape	Name of Polygon	Number of Tangrams Used
1		
2		
3		
4		
5		
6		
7		

Name \_\_\_\_\_ Date \_\_\_\_\_

Geometry  
Properties of Shapes



## Connections



Cut out the tangrams below. You should have 2 large triangles, 1 medium triangle, 2 small triangles, 1 square, and 1 parallelogram.

