

Name _____ Date _____

Geometry
Properties of Shapes



Polygons



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

angle _____

polygon _____

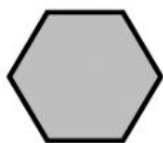
regular polygon _____

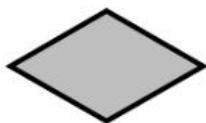
side _____

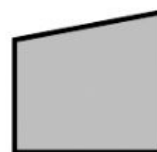
vertex _____

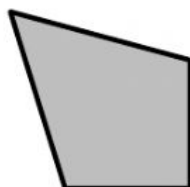
- a. any of the line segments that form a polygon
- b. a polygon with equal sides and equal angles
- c. a closed plane figure made of line segments
- d. a plane figure that does not completely enclose an area
- e. formed where two sides of a polygon meet
- f. the point at which two line segments meet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

Write the most descriptive name for each shape.

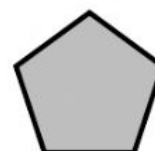












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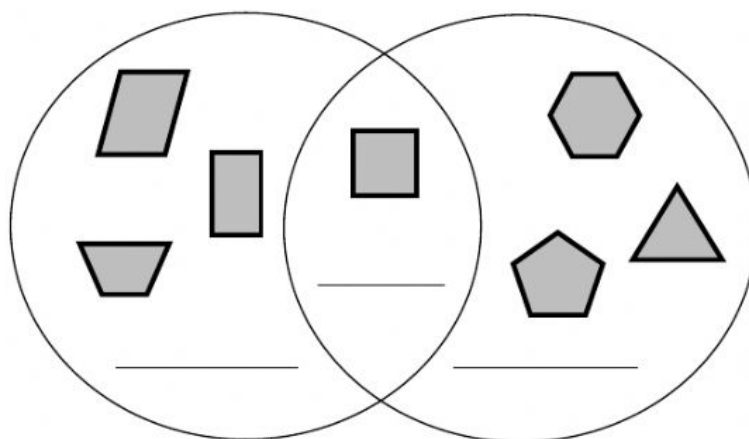


Polygons

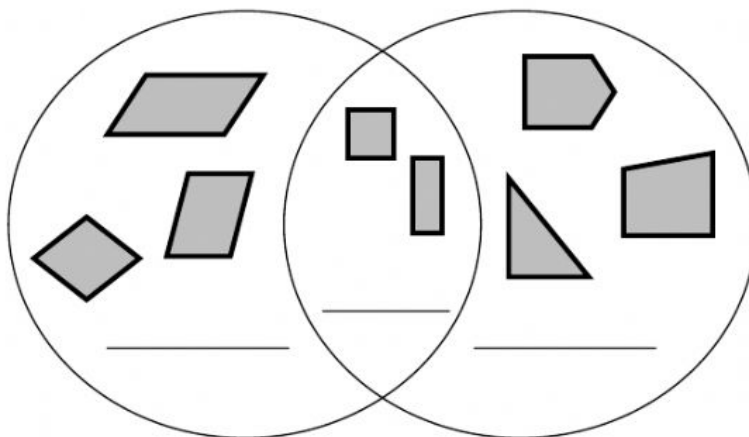


Label each part of the Venn diagrams.

A.



B.

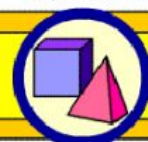


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Connections



Today I learned:

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.

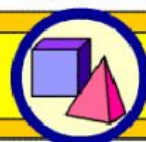
Shape	Name of Polygon	Number of Tangrams Used
1		
2		
3		
4		
5		
6		
7		

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Connections



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

