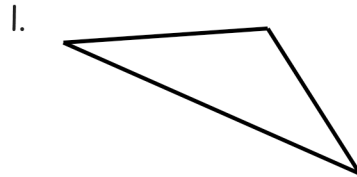
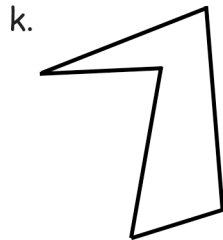
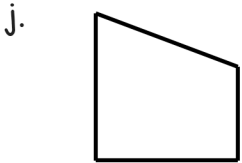
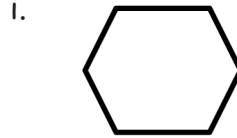
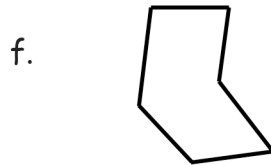
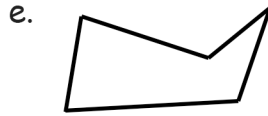
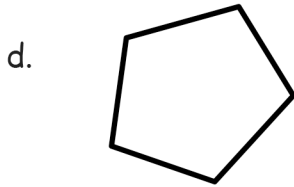
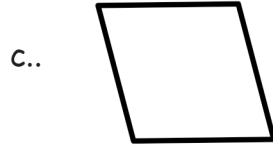
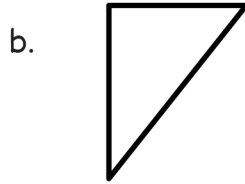
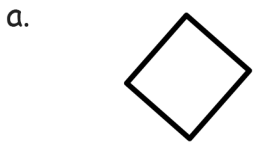


Name \_\_\_\_\_









Date \_\_\_\_\_

1. Count the number of sides and angles for each shape to identify each polygon. The polygon names in the word bank may be used more than once.

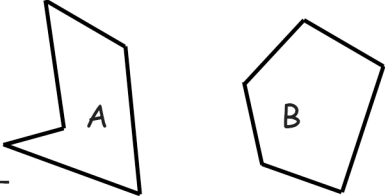
Hexagon	Quadrilateral	Triangle	Pentagon
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2. Draw more sides to complete 2 examples of each polygon.

	Example 1	Example 2
a. Quadrilateral _____ lines were added. There are _____ total sides.		
b. Pentagon _____ lines were added. There are _____ total sides.		
c. Triangle _____ lines were added. There are _____ total sides.		
d. Hexagon _____ lines were added. There are _____ total sides.		

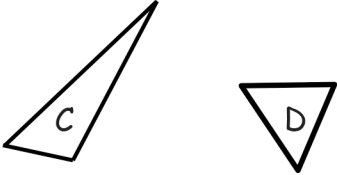
3. Explain why both polygon A and B are pentagons.



\_\_\_\_\_

\_\_\_\_\_

4. Explain why both polygon C and D are triangles.



\_\_\_\_\_

## Answer Key

1.
  - a. Quadrilateral
  - b. Triangle
  - c. Quadrilateral
  - d. Pentagon
  - e. Pentagon
  - f. Hexagon
  - g. Quadrilateral
  - h. Quadrilateral
  - i. Hexagon
  - j. Quadrilateral
  - k. Pentagon
  - l. Triangle
2.
  - a. 2; 4  
2 lines drawn to complete each quadrilateral
  - b. 3; 5  
3 lines drawn to complete each pentagon
  - c. 1; 3  
1 line drawn to complete each triangle
  - d. 4; 6  
4 lines drawn to complete each hexagon
3. Explanations will vary.
4. Explanations will vary.