

Name _____

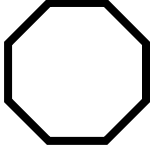
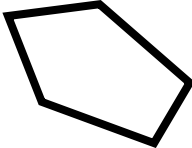

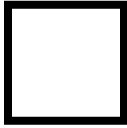

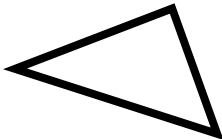
Date _____

Lesson 1: Basics of Geometry – Shapes

Identifying Shapes:

Video Help: <https://learnzillion.com/lessons/2879-classify-two-dimensional-figures-by-examining-their-properties>

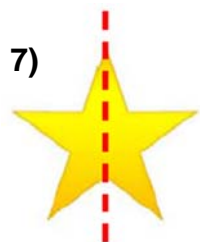
Directions: Classify the following polygons as...

Triangle	Quadrilateral	Pentagon	Hexagon	Octagon
1) 			2) 	
_____			_____	
3) 			4) 	
_____			_____	
5) 			6) 	
_____			_____	

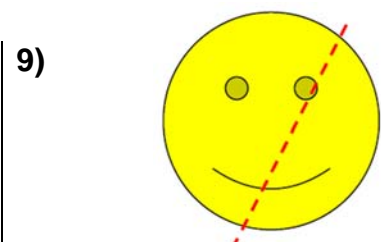
Symmetry

Video Help: <https://learnzillion.com/lessons/3213-recognize-a-line-of-symmetry-by-folding-a-two-dimensional-figure>

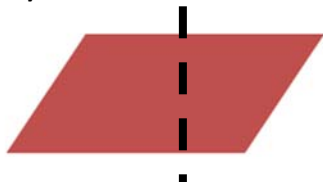
Directions: Write “Yes” or “No.” Does the dotted line shows symmetry of the figure?



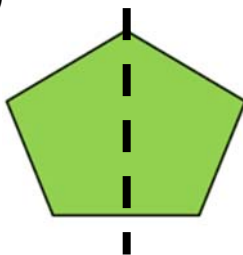




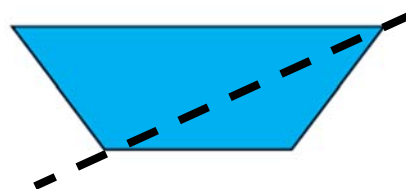
10)



11)

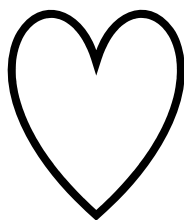


12)

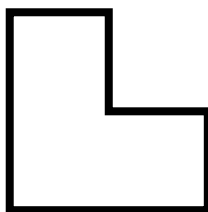


Directions: Draw all of the lines of symmetry for the figures below. Write the type of line symmetry (horizontal, vertical, or diagonal). Some may have more than one and some may have none.

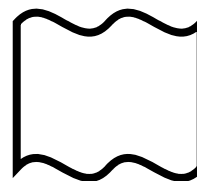
13)



14)



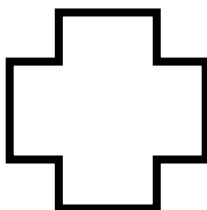
15)



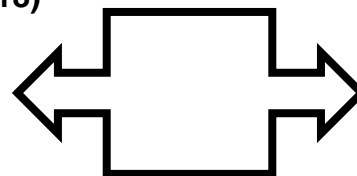
16)



17)



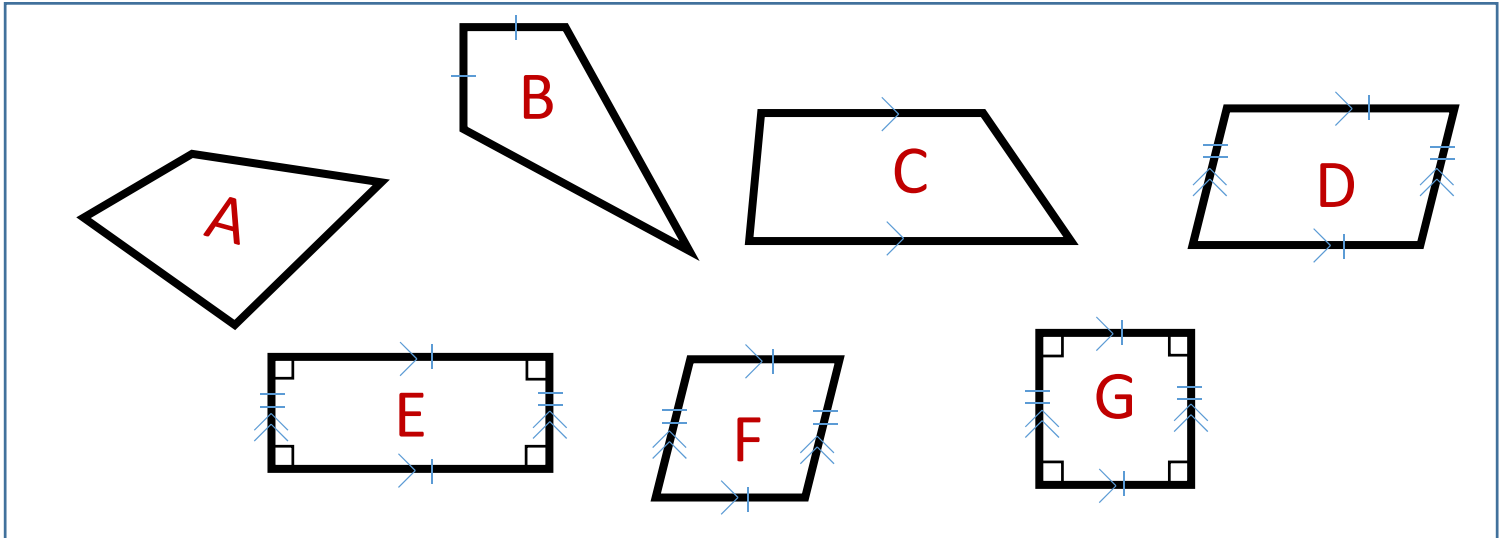
18)



Classifying Shapes

Video Help: <https://learnzillion.com/lessons/1710-classify-quadrilaterals-by-looking-at-multiple-attributes>

Directions: Use the following shapes to answer the questions below.



19) Which shapes are squares?

20) Which shapes are parallelograms?

21) Which shapes are kites?

22) Which shapes are quadrilaterals?

23) Which shapes are rhombuses?

24) Which shapes are trapezoids?

25) Which shapes are rectangles?

26) Which shapes are NOT rectangles?

27) Which shape is a rectangle but NOT a square?

28) Which shapes are parallelograms but NOT rectangles?