

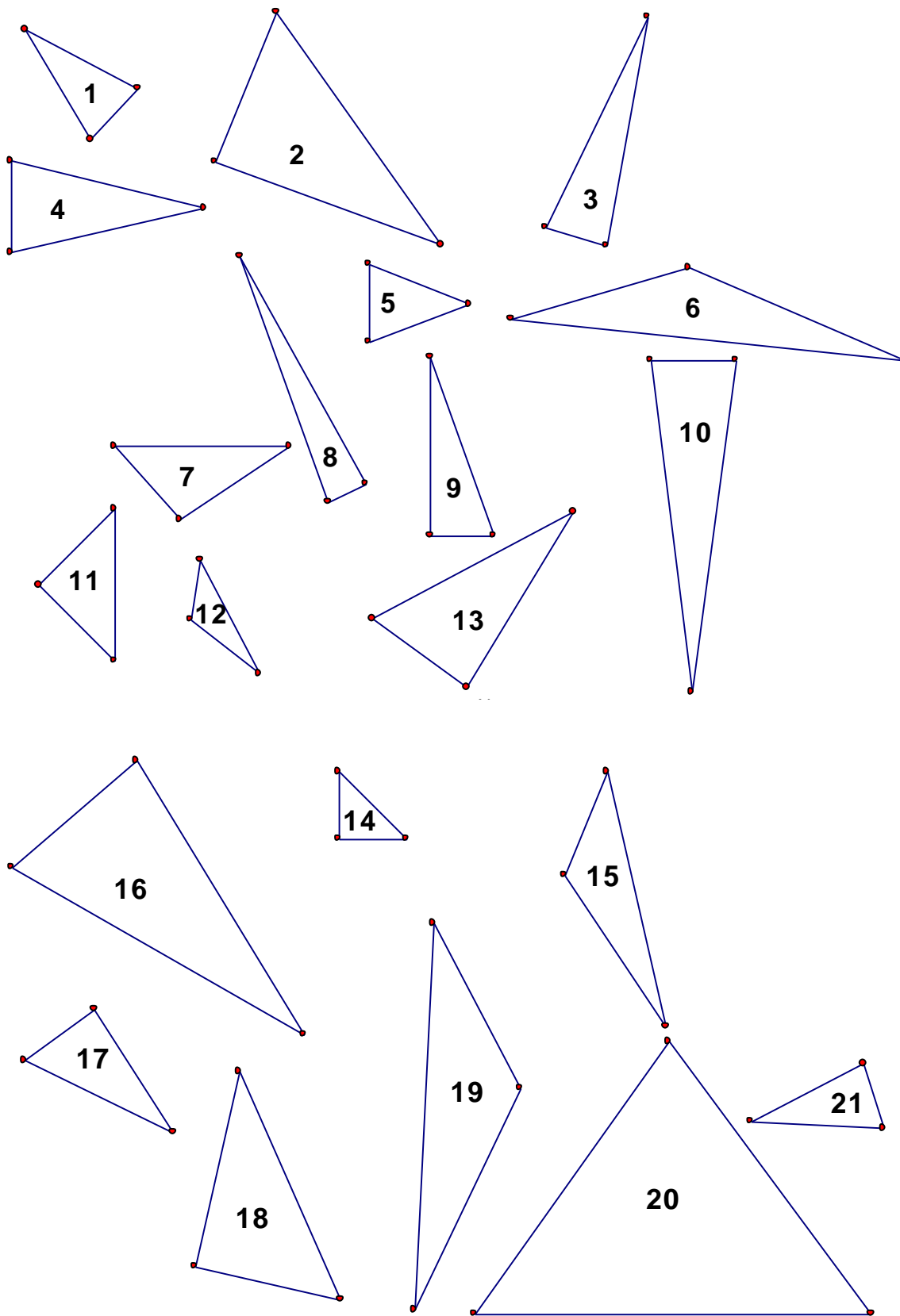
Name: _____ Teacher: _____ Date: _____

Classifying Polygons Graphic Organizer

Record of Geometry Terms, Figures and Shapes

Shape	Description	Examples
Concave		
Convex		
Symmetrical		
Nonsymmetrical		
Regular Polygons		
Triangles (classified by properties of sides)		
Equilateral		
Isosceles		
Scalene		
Triangles (classified by properties of angles)		
Right		
Acute		
Obtuse		
Quadrilaterals (convex)		
Parallelogram		
Rectangle		
Square		
Rhombus		
Kite		
Trapezoid		
Isosceles Trapezoid		
Regular Polyhedra		
Semiregular Polyhedra		
Prisms		
Right Prisms		
Pyramids		
Right Pyramids		
Cylinders		
Right Cylinders		
Cones		
Right Cones		

Classifying Polygons Graphic Organizer



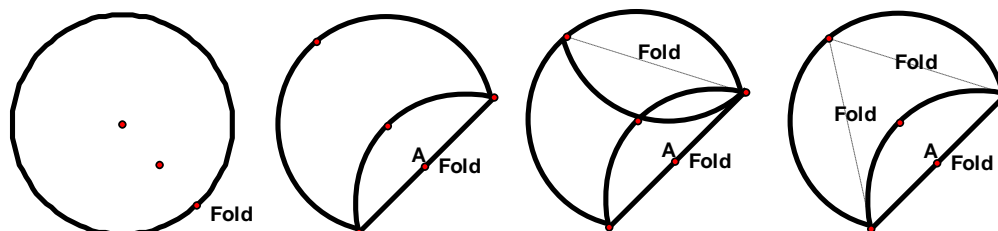
Assessment

Folding a Circle

Classifying Polygons Graphic Organizer

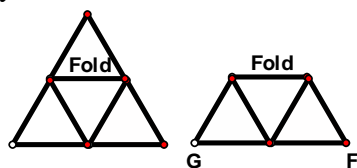
You will submit your folded circle for evaluation along with the following worksheet.

1) Create a circle with about a 20 cm diameter (about the width of a sheet of paper). Mark the center. Pick a point on the circle and fold to the center. Do it again, using one endpoint of A as an endpoint of B.



Fold the remaining third to the center. What shape do you have? _____.

2) Find the midpoint of one side by creasing lightly. Fold the opposite vertex to the midpoint and you have now formed _____



3) Observe the 3 triangles in the shape above. Fold one triangle over the top of the middle one and you have made a _____ or a _____

4) Fold the remaining triangle over the top of the other 2 triangles. What shape do you have now? _____

4) Let the 3 triangles folded over in steps 2, 3, and 4 open up. Bring points G and F together. What 3D shape is revealed? _____

8) Open back up to the original triangle you made in step 1. Fold each of the vertices to the center. You now have a _____