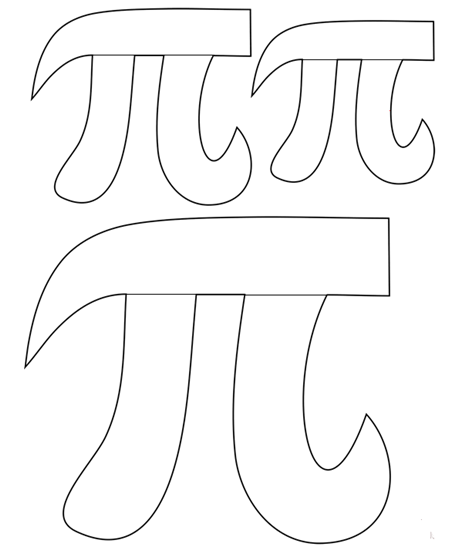
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**11-1 Space Figures and Cross Sections – Pi-Day Color Match Activity SE**

****

**Circle**

**Ellipse**

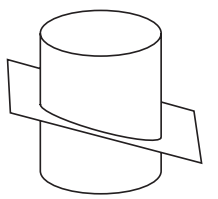
**Vertex**

**Edge**

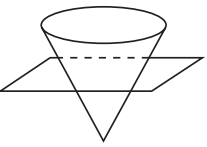
**Net**

**Polyhedron**

**Directions: Answer the questions. Find your answer on the Pi symbol. Then color according to your answers.**

**1.** A 3-dimensional figure that is formed by polygons enclosing a region in space is known as a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. **(RED)  
  
  
2.** The shape being formed if the polyhedron is opened up flat is known as \_\_\_\_\_\_\_\_\_\_ of a polyhedron. **(PINK)  
  
   
3.** The line segment where two faces meet is known as the \_\_\_\_\_\_\_. **(YELLOW)  
  
  
4.** The point of intersection of two edges is known as the \_\_\_\_\_\_\_\_. **(ORANGE)  
   
   
5.** The number of faces of a polyhedron having 8 edges and 5 vertices is \_\_\_\_\_\_\_\_\_\_. **(GREEN)  
  
  
6.** The cross section of the shape given below is a/an \_\_\_\_\_\_\_\_\_\_. **(BROWN)  
  
 **

**7.** The number of edges of a polyhedron having 4 faces and 6 vertices is \_\_\_\_\_\_\_\_\_\_. **(LIGHT BLUE)**  
  
 **8.** The number of vertices of a polyhedron having 4 faces and 6 edges is \_\_\_\_\_\_\_\_\_\_. **(PURPLE)**

**9.** The cross section of the shape given below is a/an \_\_\_\_\_\_\_\_\_\_. **(GREY)  
  
 **