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

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**Circle**

$$4$$

$$8$$

**Ellipse**

$$5$$

**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)

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**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)

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