Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
**11-3 Surface Areas of Pyramids and Cones – Pi-Day Color Match Activity SE

 **

$$161$$

$$75$$

$$75$$

$$161$$

$$120$$

$$151$$

$$96$$

$$96$$

$$C=2πr$$

$$16$$

**Cone**

**Hexagonal**

**Pyramid**

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

**1.** A polyhedron whose base is any polygon and the lateral faces are trianglesmeeting at a vertex is known as a \_\_\_\_\_\_\_\_\_\_\_\_\_. **(ORANGE)

2.** The figure shown below is a \_\_\_\_\_\_\_\_\_\_\_\_\_ pyramid. **(GREEN)**

 **

3.** The figure shown below represents a/an \_\_\_\_\_\_\_\_\_\_\_. **(BLUE)**

 **

4.** The lateral area of the pyramid in the figure shown below is \_\_\_\_\_\_\_\_\_\_\_ $cm^{2}$. **(YELLOW)

 

5.** The circumference of the circle is mathematically written as \_\_\_\_\_\_\_\_\_\_. **(LIGHT BLUE)

6.** The surface area of the cone given below is \_\_\_\_\_\_\_\_\_ $π m^{2}.$ **(GREY)

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**7.** The lateral area of the cone given below is \_\_\_\_\_\_\_\_\_ $cm^{2}$. **(BROWN)**

 

**8.** The lateral area of the pyramid given below is \_\_\_\_\_\_\_\_\_\_\_ $m^{2}$. **(PINK)**

 

**9.** The surface area of the pyramid given below is \_\_\_\_\_\_\_\_\_ $cm^{2}.$ **(LIGHT GREEN)** 

 **10.** The surface area of the cone given below is \_\_\_\_\_\_\_\_\_ $in^{2}.$ **(PINK)** 