Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
**11-2 Surface Areas of Cylinders and Prisms – Pi-Day Color Match Activity SE**

 ****

$$101$$

$$101$$

$$101$$

$$101$$

$$101$$

$$101$$

$$101$$

$$70$$

$$70$$

**Cylinder**

$$101$$

$$101$$

**Hexagonal**

$$300$$

$$40$$

$$604$$

**Lateral**

**Prism**

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

**1.** A polyhedron with two congruent parallel faces is known as \_\_\_\_\_\_\_\_\_. **(RED)

2.** The figure shown below is a \_\_\_\_\_\_\_\_\_\_\_\_\_ prism. **(PINK)**

 **

3.** The product of the perimeter of the base and the heightof the prism is known as \_\_\_\_\_\_\_\_\_\_\_\_\_ area of the prism. **(YELLOW)

4.** The surface area of the prism in the figure shown below is \_\_\_\_\_\_\_\_\_\_\_ $m^{2}$. **(ORANGE)

 

5.** A prism with circular bases is known as a \_\_\_\_\_\_\_\_\_\_\_. **(GREEN)

6.** The surface area of a cylinder having height $8 cm$ and radius $2 cm$ is \_\_\_\_\_\_\_\_\_ $π m^{2}.$ **(GREY)**

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

 

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

 

**9.** The lateral area of the prism given below is \_\_\_\_\_\_\_\_\_ $sq. in.$ **(GREY)** 