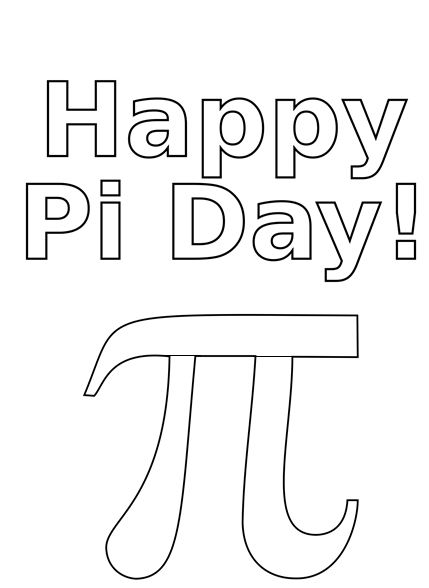
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
**11-4 Volumes of Prisms and Cylinders – Pi-Day Color Match Activity SE  
 **

**Volume**

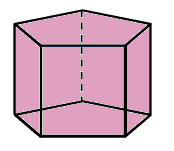
**Cylinder**

**Bases**

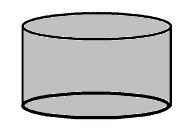
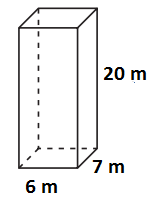
**Pentagonal**

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

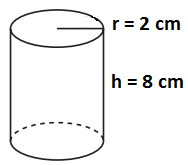
**1.** A prism is a polyhedron with two congruent parallel faces called \_\_\_\_\_\_\_\_\_\_. **(ORANGE)  
  
  
2.** The figure shown below is a \_\_\_\_\_\_\_\_\_\_\_\_\_ prism. **(GREEN)**

**   
   
3.** The product of the area of the base and height of the prismgives the \_\_\_\_\_\_\_\_\_ of a prism. **(BLUE)**

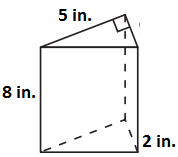
**4.** The figure shown below represents a \_\_\_\_\_\_\_\_\_\_\_\_. **(YELLOW)**

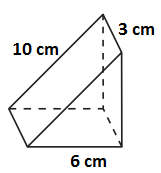
**  
   
5.** The area of a circle is mathematically written as \_\_\_\_\_\_\_\_\_\_. **(LIGHT BLUE)  
  
  
6.** The volume of the prism given below is \_\_\_\_\_\_\_\_\_\_ **(GREY)  
  
 **

**7.** The volume of the cylinder shown below is \_\_\_\_\_\_\_\_\_ . **(BROWN)**



**8.** The volume of the prism given below is \_\_\_\_\_\_\_\_\_\_\_ . **(PINK)**



**9.** The volume of the prism given below is \_\_\_\_\_\_\_\_\_ **(RED)** 

**10.** The volume of the cylinder given below is \_\_\_\_\_\_\_\_\_ **(LIGHT GREEN)** 