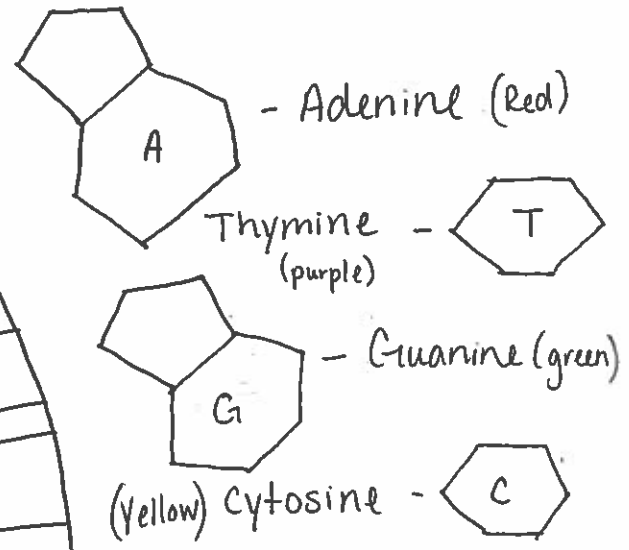


Name: \_\_\_\_\_

Date: \_\_\_\_\_

Per: \_\_\_\_\_

### Base Pairs



Directions: Fill in the missing base on the DNA Double Helix.

Sides/Rails of the ladder: Small stripes represent the phosphate. Place a "P" in each stripe and color it BLUE. Place an "S" for the large stripes that represent the deoxyribose sugar, and color it orange.

Rungs/steps of the ladder: Label the missing base according to Chargaff's rule!

Chargaff's Rule:

\_\_\_\_\_ bonds with \_\_\_\_\_  
 &  
 \_\_\_\_\_ bonds with \_\_\_\_\_

Make sure and draw the hydrogen bonds connecting the bases together

oo+ Hydrogen Bonds

