G5-1
 Name \_\_\_\_\_

 Copying a segment and bisecting a segment

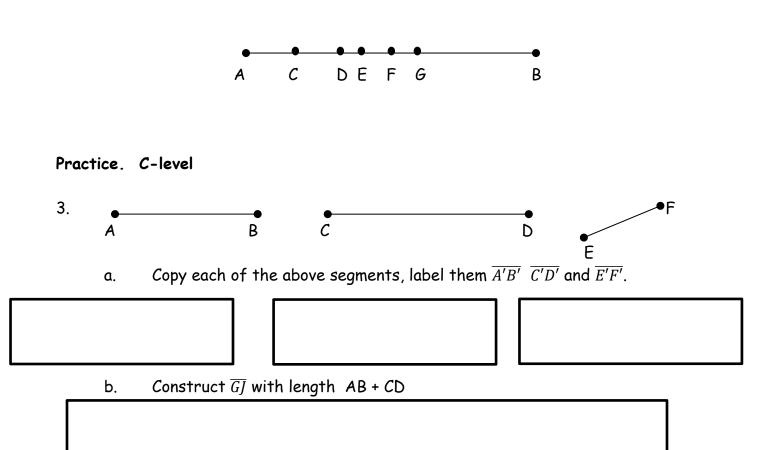
You may ONLY use a compass and straight edge (no ruler or protractor) to complete this worksheet. Leave all construction marks to show your work.

## Check for understanding:

1. Using point A as one endpoint, which segment below is congruent to  $\overline{HJ}$ ?



2. Which point is the midpoint of  $\overline{AB}$ ? How do you know?



c. Construct  $\overline{HK}$  which length AB + 2EF - CD

4. Construct the perpendicular bisectors to divide  $\overline{CD}$  into four congruent segments.



5. Construct equilateral triangle,  $\Delta RST$ . Each side length must be congruent to  $\overline{EQ}$ .

