

(1) Name, Group Number, Lesson Number, Date

Name \_\_\_\_\_ Per \_\_\_\_\_

(2) Use a compass to draw  $\angle$ RED  
Construct the bisector of  $\angle$ RED

**SLO:** I can use a compass to copy an angle and explain how the construction makes a copy.

(3) Put the DO NOW/EXIT TICKET packet away.

(1) **Constructing a copy of an angle:**

scissors  
cup

(a) Obtain "COPY AN ANGLE", a diagrams page, scissors, and tape or glue

(b) Cut, arrange, check, and then glue or tape down the diagrams for copying an angle

(2) **Justification of copying an angle:**

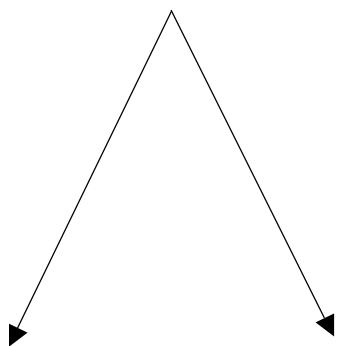
(a) Complete the "What this does" section of the "COPY AN ANGLE" page

(3) **Constructing a copy of an angle:**

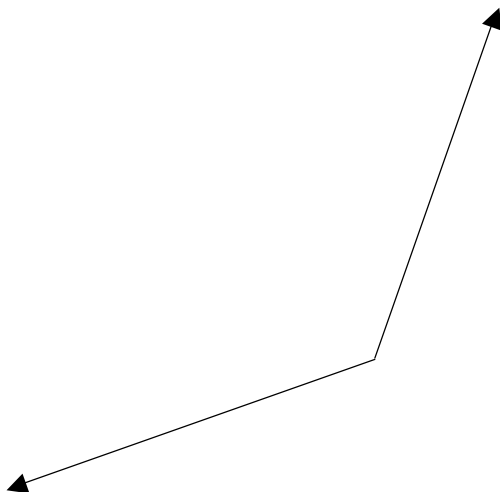
compass  
highligh-  
ters

Use the steps from your work on #3 and #4 to copy each angle below.

COPY

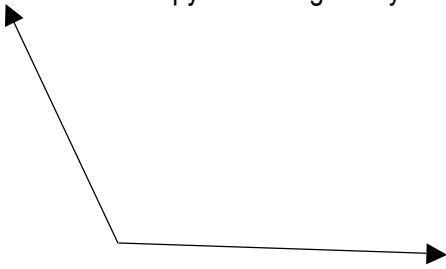
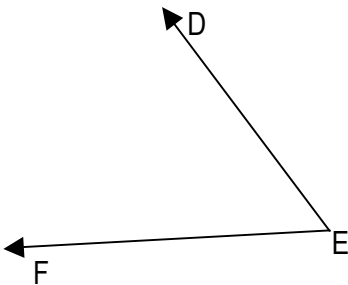
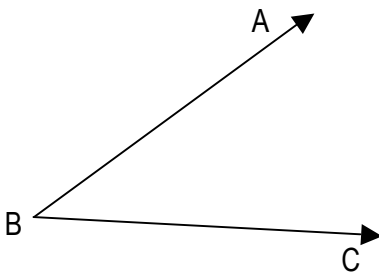


COPY



(2) **Exit Ticket**compass  
highligh-  
ters

Construct a copy of the angle on your exit ticket page.

 (2) **Homework**compass  
highligh-  
ters (f) Copy the three angles below with a compass and straightedge. Then go back and bisect the original angle.

Why do the steps for copying an angle work?

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Name \_\_\_\_\_ Date \_\_\_\_\_

**Worktime: Copying an angle puzzle.**

Copy each angle to answer the riddle. The ray you construct will pass through a number. The number you hit tells you the space where you should write the letter of the angle.

**Where do all the cool people go?** \_\_\_\_\_

