

\*\*Using a ruler measure the two lengths to make sure they have the same measure.

### 2. [COPY ANGLE] Construct an angle with ray $\overrightarrow{HI}$ and congruent to the angle $\measuredangle DEF$



\*\*Using a protractor measure the two angles to make sure they have the same measure.

#### 3. [Perpendicular Bisector] Construct a perpendicular bisector to the segment $\overline{AB}$ .





\*\*Using a ruler measure the two halves of the segment to make sure they have the same measure.

### 4. [Angle Bisector] Construct an angle bisector of the angle $\measuredangle DEF$





\*\*Using a ruler measure the two halves of the segment to make sure they have the same measure.

# 5. [Perpendicular to a Line Through a Point] Construct a perpendicular line to $\overrightarrow{AB}$ through point C.



C

A

В

page 27

Unit 2-2

## 6. [Hexagon inscribed in a Circle] Construct a circle with radius $\overline{AB}$ and an inscribed regular hexagon.





## 7. [Triangle inscribed in a Circle] Construct a circle with radius $\overline{AB}$ and an inscribed regular triangle.





Unit 2-2

### 8. [Square inscribed in a Circle] Construct a circle with radius $\overline{AB}$ and an inscribed square.





### 9. [Construct a Parallel Line given a point and a line] Construct a parallel line to $\overrightarrow{AB}$ through point C.





C