

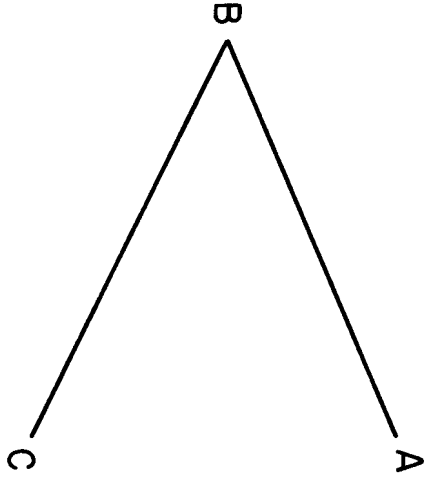
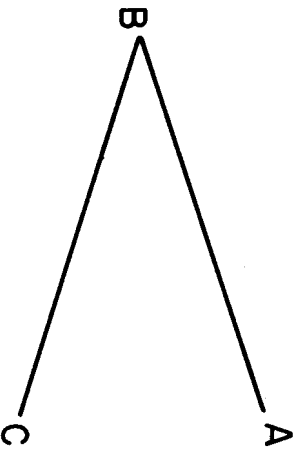




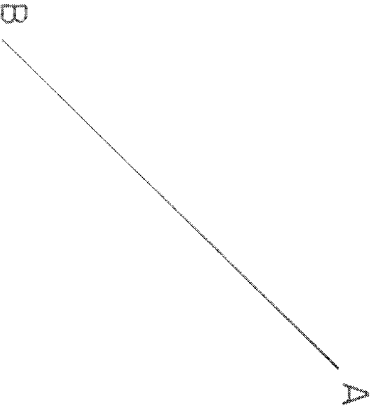

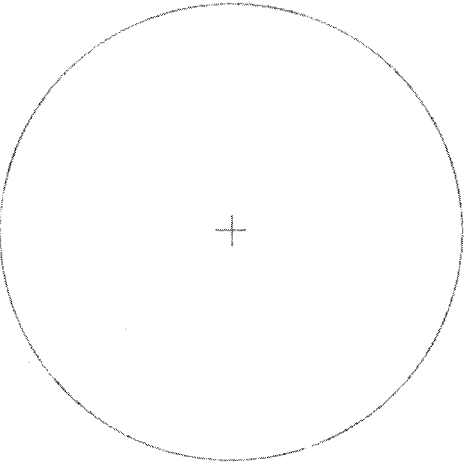
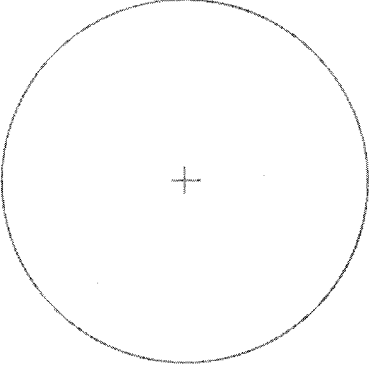
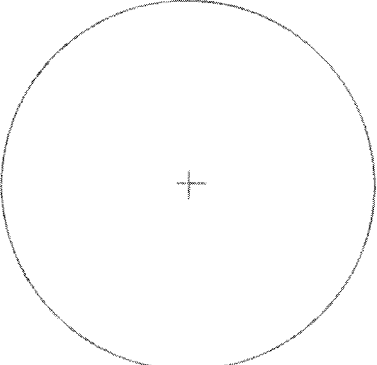
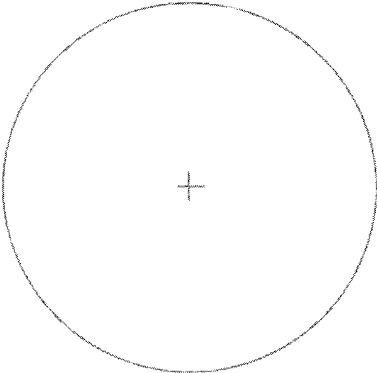
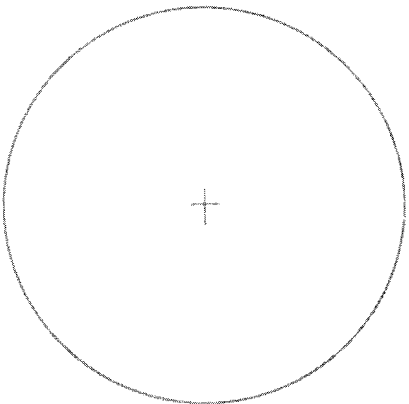
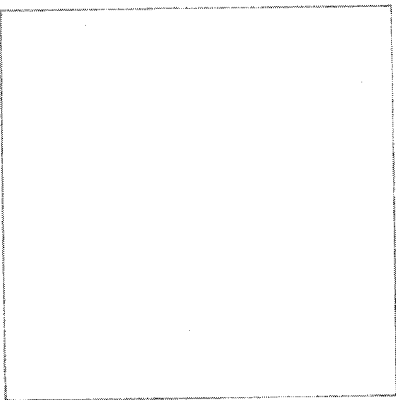


<p>BISECT LINE A-B</p> 	<p>BISECT ARC A-B</p> 	<p>BISECT ANGLE A-B-C</p> 
<p>TRANSFER ANGLE A-B-C</p>  	<p>CONSTRUCT A TRIANGLE</p>  	<p>CONSTRUCT AN EQUILATERAL TRIANGLE</p> 
<p>GEOMETRIC CONSTRUCTION</p>		
		<p>6-1</p>

<p>CONSTRUCT A SQUARE GIVEN DIAGONAL A-B</p> 	<p>CONSTRUCT A SQUARE GIVEN SIDE A-B</p> 	<p>CONSTRUCT A PENTAGON</p> 
<p>CONSTRUCT A HEXAGON USING THE COMPASS</p> 	<p>CONSTRUCT A HEXAGON USING THE 30°-60° TRIANGLE</p> 	<p>INSCRIBE A HEXAGON</p> 



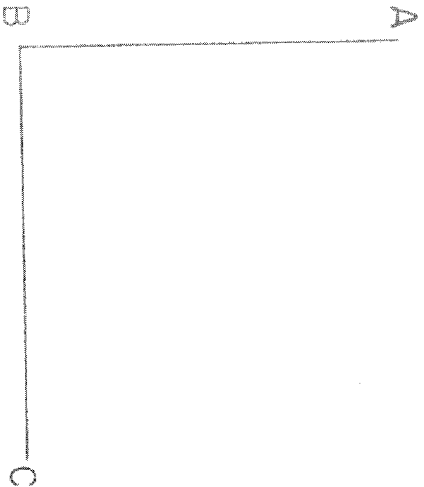
CONSTRUCT AN OCTAGON



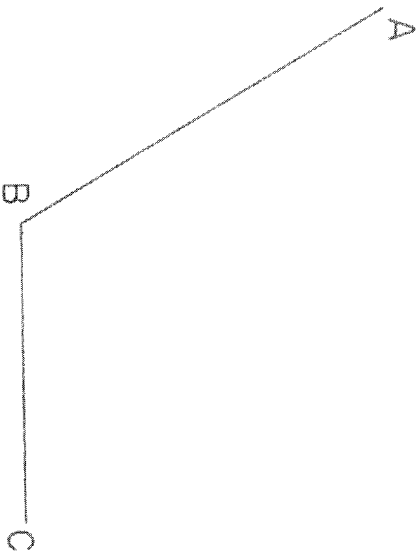
CONSTRUCT AN OCTAGON



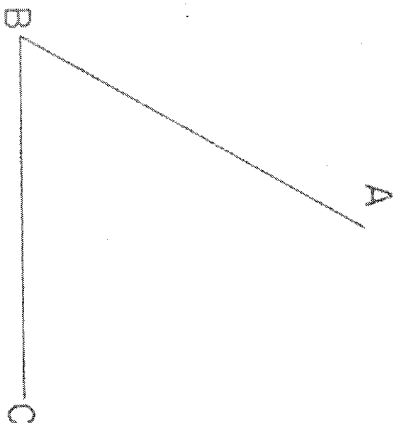
DIVIDE LINE A-B INTO NINE(9)  
EQUAL PARTS



DRAW AN ARC TANGENT TO  
LINES A-B AND B-C



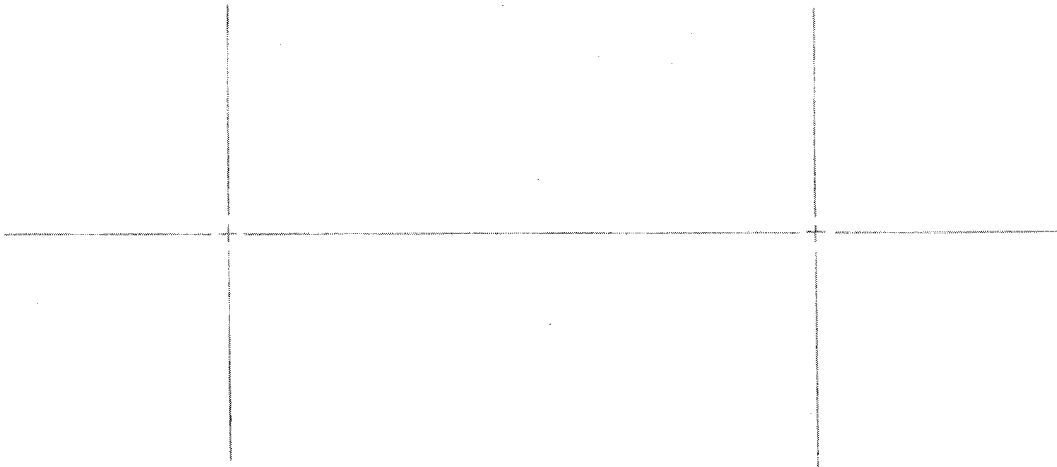
DRAW AN ARC TANGENT TO  
LINES A-B AND B-C



DRAW AN ARC TANGENT TO  
LINES A-B AND B-C

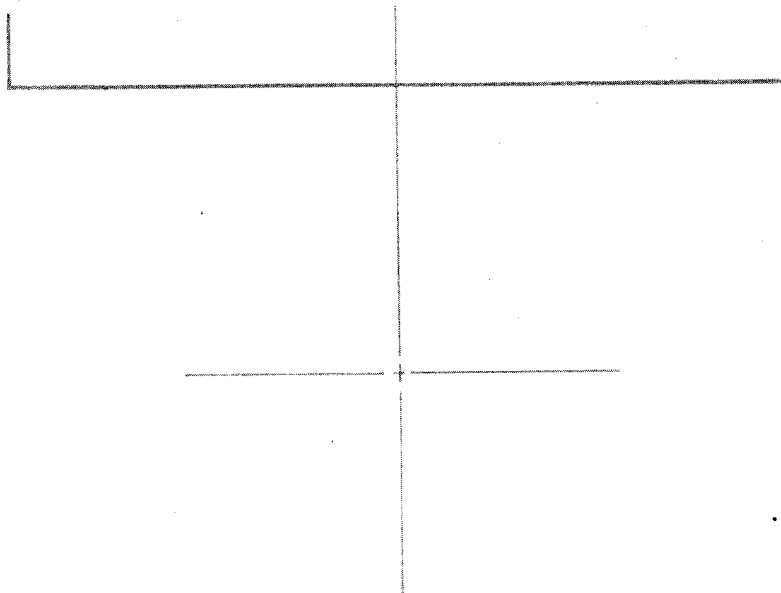
6-4

DRAW ARCS TANGENT TO THE TWO CIRCLES



CIRCLES = 2 DIA.  
ARC = 1 R.

DRAW AN ARC TANGENT TO THE CIRCLE AND THE STRAIGHT LINE

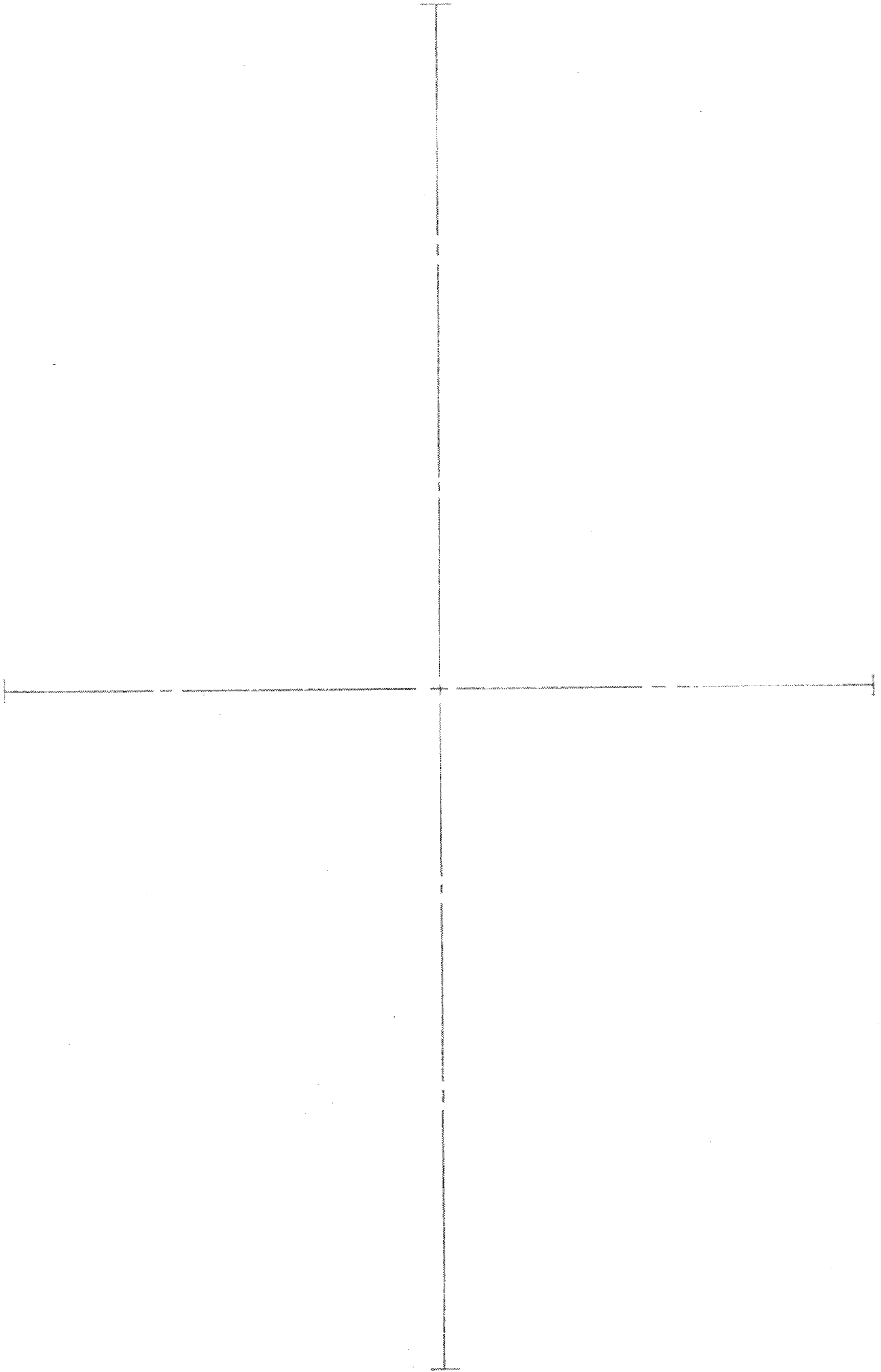


CIRCLE = 2 DIA.  
ARC =  $\frac{1}{2}$  R.

MAJOR AXIS =  $5\frac{1}{2}$   
MINOR AXIS = 4

PROBLEM - DRAW AN ELLIPSE USING THE  
CONCENTRIC CIRCLE METHOD.

6-5



PROBLEM - DRAW AN ELLIPSE USING THE  
PARALLELOGRAM METHOD.

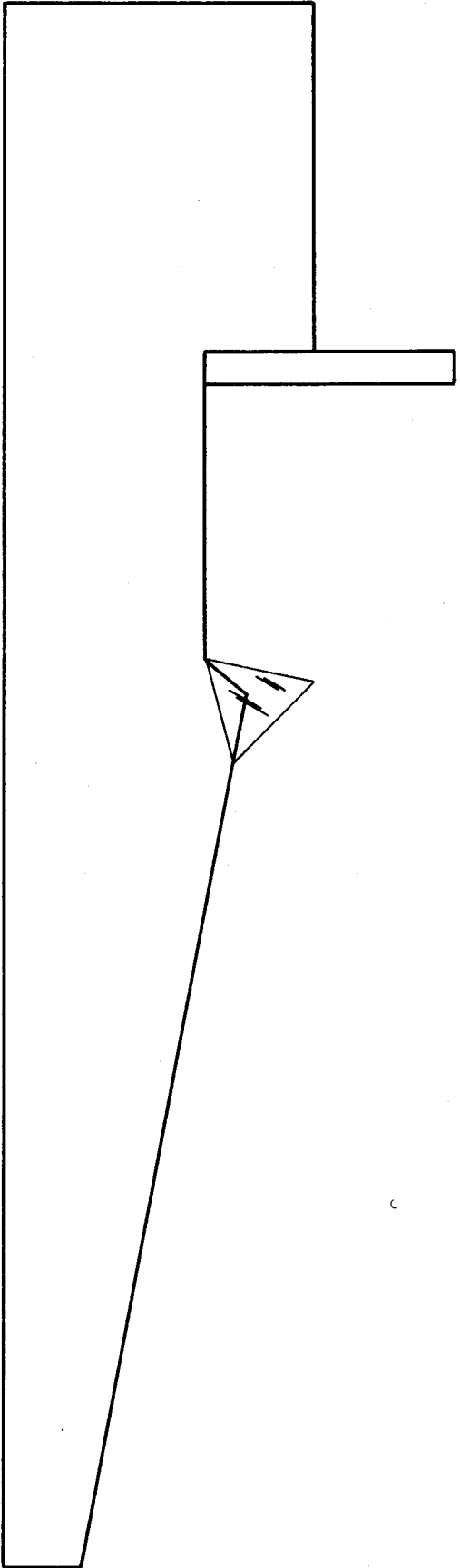
TITLE: GEOMETRICS

6-6

PROBLEM - DRAW A UNITED STATES AIRCRAFT  
INSIGNIA WITH A 4 IN. DIA. STAR.

6-8

TITLE: GEOMETRICS



DEVELOP UNIQUE RACING STRIPES FOR THIS FORMULA "V" BODY  
USE COLORED PENCILS

TITLE: DESIGN PROBLEM

6-9