BISECTING AN ANGLE
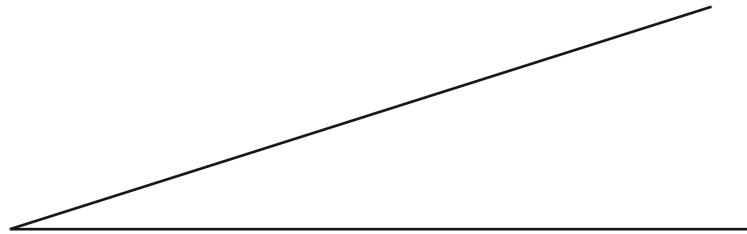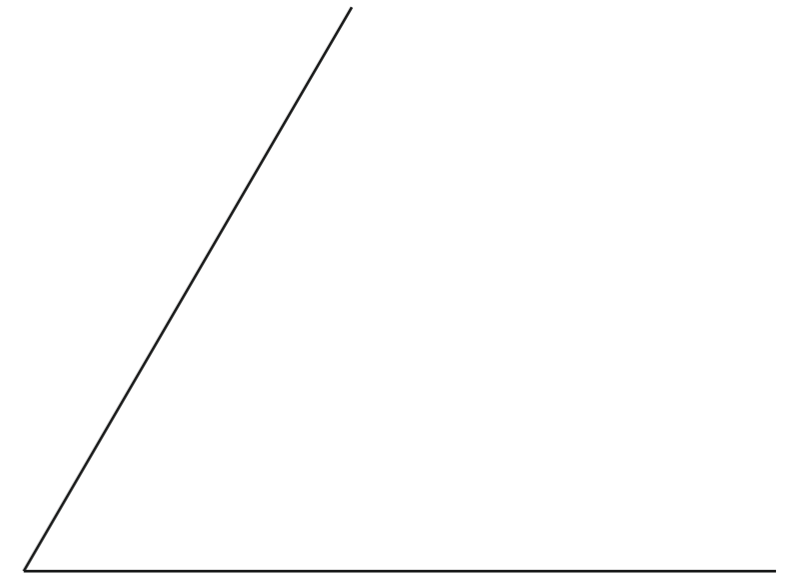
HELPFUL LINK
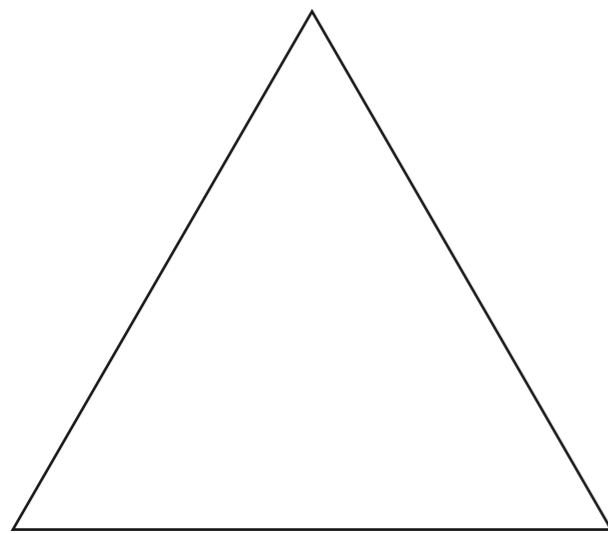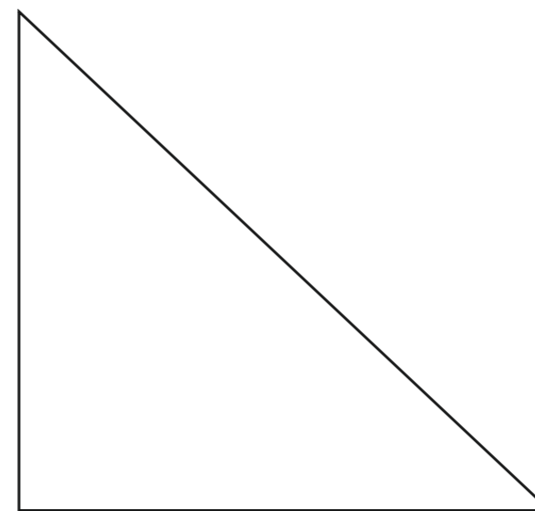
1. BISECT THE LINE

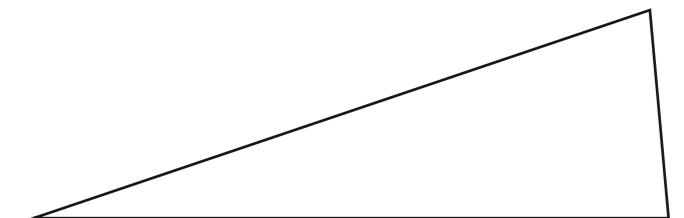**2. BISECT THE ANGLE**

3. BISECT THE ANGLE

4. FIND THE CENTROID OF THE TRIANGLE AND DRAW A CIRCLE THAT TOUCHES EACH VERTEX

5. FIND THE CENTROID OF THE TRIANGLE AND DRAW A CIRCLE THAT TOUCHES EACH VERTEX
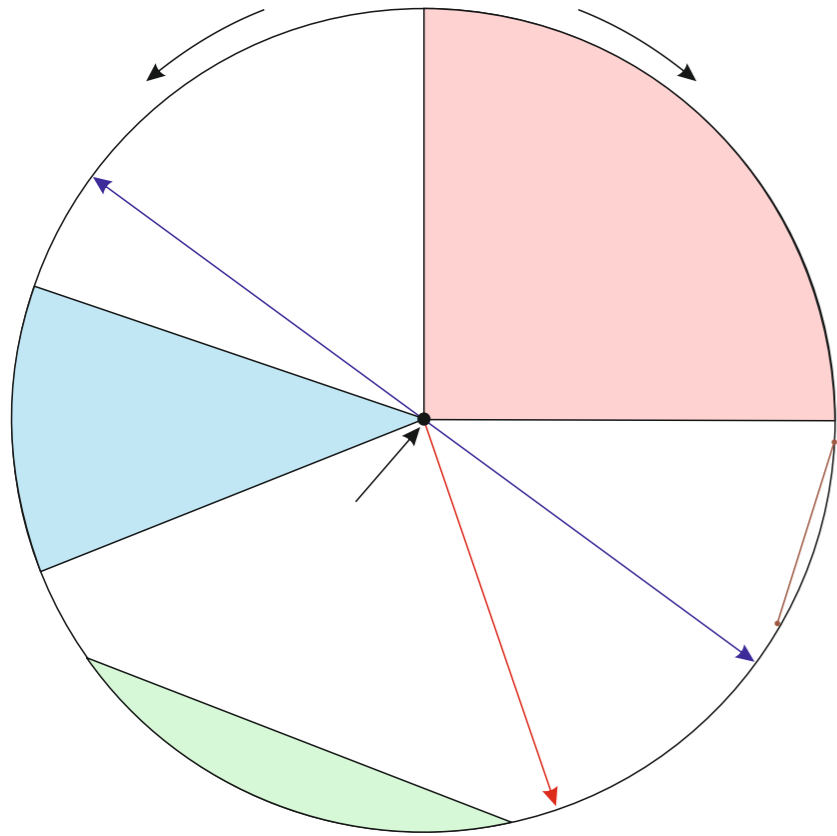
6. FIND THE CENTROID OF THE TRIANGLE AND DRAW A CIRCLE THAT TOUCHES EACH VERTEX

BASIC TECHNIQUES - GEOMETRICAL DRAWING

HELPFUL LINK: https://technologystudent.com/despro_3/divide2.html
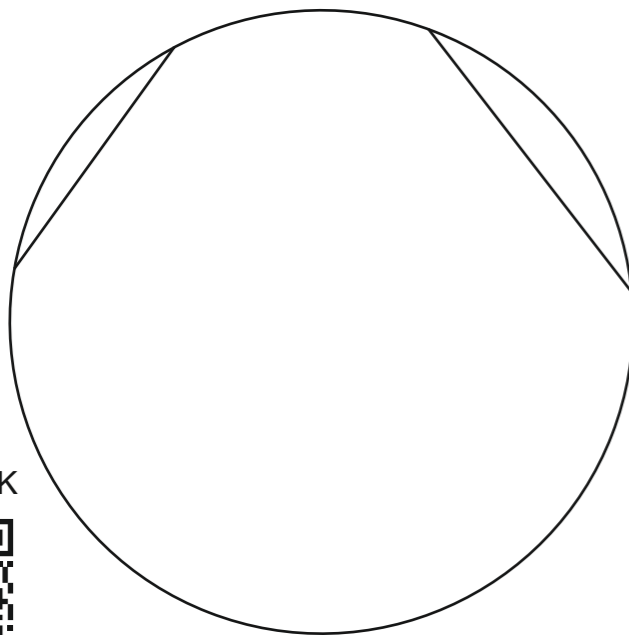
1. LABEL THE PARTS OF THE CIRCLE
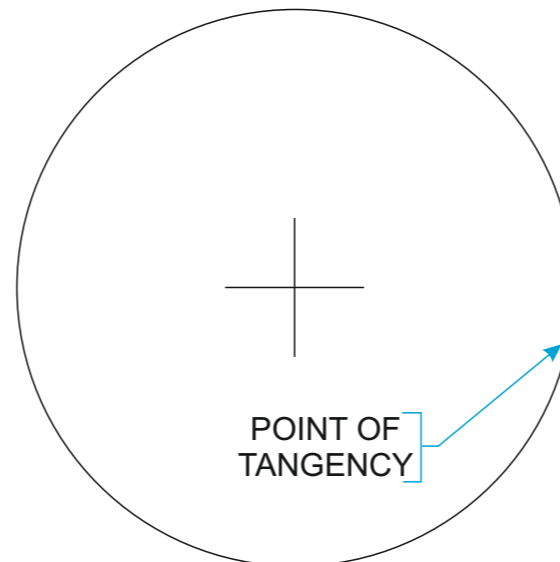

2. USING A COMPASS, BISECT THE LINE

3. USING A PAIR OF DIVIDERS AND TWO SET SQUARES, DIVIDE THE LINE INTO FIVE EQUAL PARTS
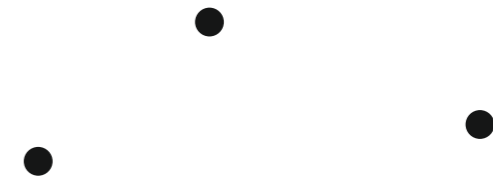
6. A CIRCLE PASSES THROUGH THE THREE POINTS. DRAW THE CIRCLE USING GEOMETRICAL METHODS

4. FIND THE CENTRE OF THE CIRCE, GIVEN THE TWO CHORDS

HELPFUL LINK

5. A POINT OF TANGENCY IS IDENTIFIED ON THE CIRCLE. DRAW ITS TANGENT LINE

POINT OF TANGENCY
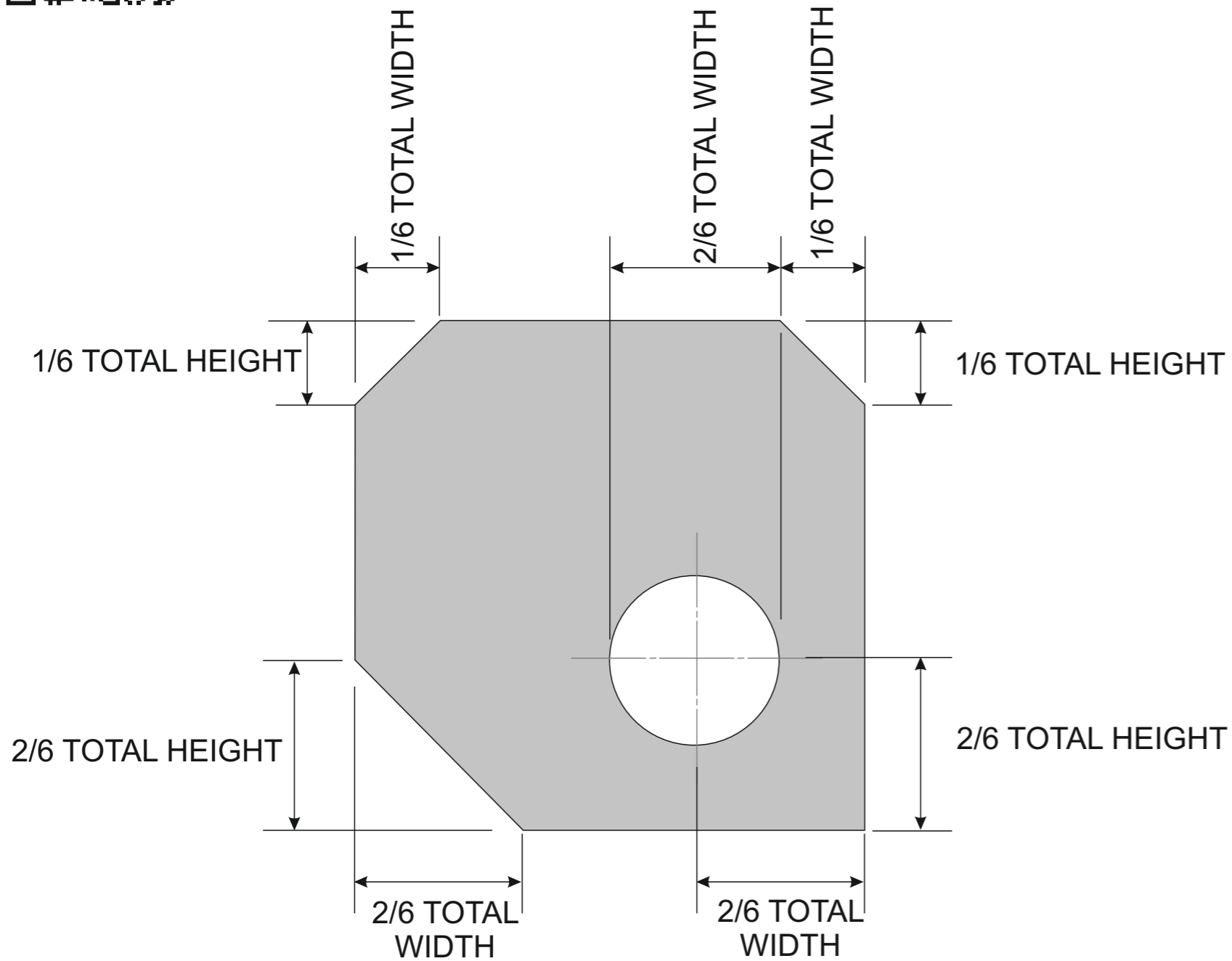
BASIC TECHNIQUES - GEOMETRICAL DRAWING

HELPFUL LINK

QUESTION

STARTING WITH A BASIC OUTLINE (SEEN IN DIAGRAM ONE), DRAW THE OBJECT OPPOSITE. ALL MEASUREMENTS MUST BE ACHIEVED BY DIVIDING THE SIDES INTO 6 SIX EQUAL DIVISIONS, USING GEOMETRICAL TECHNIQUES.
Do not erase any of your guidelines and construction lines.

DIA. ONE

1/6 TOTAL WIDTH

2/6 TOTAL WIDTH

1/6 TOTAL WIDTH

1/6 TOTAL HEIGHT

1/6 TOTAL HEIGHT

2/6 TOTAL HEIGHT

2/6 TOTAL HEIGHT

2/6 TOTAL WIDTH

2/6 TOTAL WIDTH