

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

ID: A

### Homework 1st Year Class 1

#### Essay

1. Draw a right triangle and indicate what each side is called. Describe how each side is used in offset bending.
  
  
  
  
  
  
  
  
  
  
2. Describe what an "offset constant" is and how it is used in offset bending.
  
  
  
  
  
  
  
  
  
  
3. Describe what the term "shrink" means in offset bending and show an example.
  
  
  
  
  
  
  
  
  
  
4. If fabricating an offset on 1" EMT to a height of 12", what will the distance between bends be if the bend is 45 degrees? What would it be for 30 degrees?