

Name \_\_\_\_\_  
Mrs. Roubos

Date \_\_\_\_\_  
8R Period \_\_\_\_\_

Triangle Word Problems  
Do Now

I. Isosceles Triangle

1) If each base angle of an isosceles triangle measures  $50^\circ$ . Find the measure of the vertex angle of the triangle.

2) Find the measure of a base angle of an isosceles triangle if the measure of the vertex is  $100^\circ$

3) In triangle  $ABC$ ,  $\overline{AB} \cong \overline{BC}$ . If  $m\angle A = 45^\circ$ , find  $m\angle B$ .