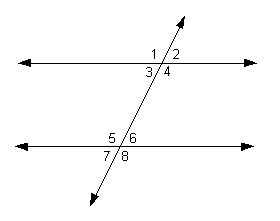
Mathematics

Power Standard 8:10

Summative Test

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_ 8-10 Summative done but needs some scale drawings added



1. In the above figure, the horizontal lines are parallel and are cut by a transversal. Which of the following statements is true?
   1. m http://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 5+mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 6=1800
   2. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 3=mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 4
   3. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 5=mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 6
   4. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 4=mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 6
2. Draw an acute equilateral triangle.
3. By definition, are all squares considered rhombi? Why or why not?
4. By definition, are all rhombi considered squares? Why or why not?
5. In triangle ABC,

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png A=900 and mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png B=400. Find the mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png C. Show work.

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png C = \_\_\_\_\_\_\_\_\_\_\_\_\_

1. In quadrilateral ABCD, m http://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png A=750 ,

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png B=650, and mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png C= 1150. Find mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png D. Show work.

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png D = \_\_\_\_\_\_\_\_\_\_\_\_\_