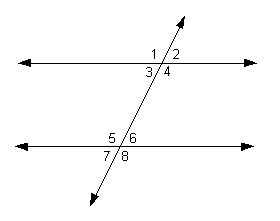
Mathematics

Power Standard 8:10

Pretest

Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Hour \_\_\_\_\_\_\_\_\_



1. In the above figure, the horizontal lines are parallel and are cut by a transversal. The m http://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 1=1150. Which of the following statements is true?

A. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 8 = 650

B. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 2 = 650

C. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 4 = 650

D. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 5 = 650

1. Draw a right isosceles triangle.
2. By definition, are all squares considered rectangles? Why or why not?
3. By definition, are all rectangles considered squares? Why or why not?
4. In triangle ABC,

m http://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png A = 150 and mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png B = 450. 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, mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png A=800 ,

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.pngB = 500, and mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png C = 1200. 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 =\_\_\_\_\_\_\_\_\_\_\_