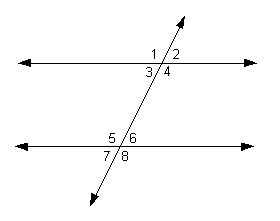
Mathematics

Power Standard 8:6

Post-Formative Test

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



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 4
2. mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 1=mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png 2
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 7
4. 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 8=1800
5. Draw an obtuse scalene triangle.
6. By definition, are all rhombi considered parallelograms? Why or why not?

1. By definition, are all parallelograms considered rhombi? Why or why not?
2. In triangle DEF,

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png D=300 and mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png E=450. Find the mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png F. Show work.

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

1. In quadrilateral ABCD, m http://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png A=950 ,

mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png B=700, and mhttp://upload.wikimedia.org/wikipedia/commons/thumb/b/bf/Angle_Symbol.svg/198px-Angle_Symbol.svg.png C= 1050. 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 = \_\_\_\_\_\_\_\_\_\_\_\_