Thursday, February 14, 2013 Agenda

TISK & No MM

- Lesson 9-7 Special Segments in a Circle
- Homework: 9-7 problems in packet 2

TISK Problems

1. Simplify completely: $\frac{6ab^2 + 12a^2b}{14a^2b + 42ab^2}$

- 2. Write the equation of a line in slope-intercept form that passes through the point (-10,6) and is perpendicular to the line that passes through the points (8, 10) and (26, 10).
- Is p ⊥ n? State postulates or theorems that justify your answer.



§9-7 Special Segments in a Circle

Theorem

For any 2 chords that intersect in a circle, the product of the parts of the first chord is equal to the product of the parts of the second chord.





For any 2 secant segments that share an external endpoint, the product of the external secant segments and their corresponding secant segments are equal.

















On your own...

Find the value of x.

