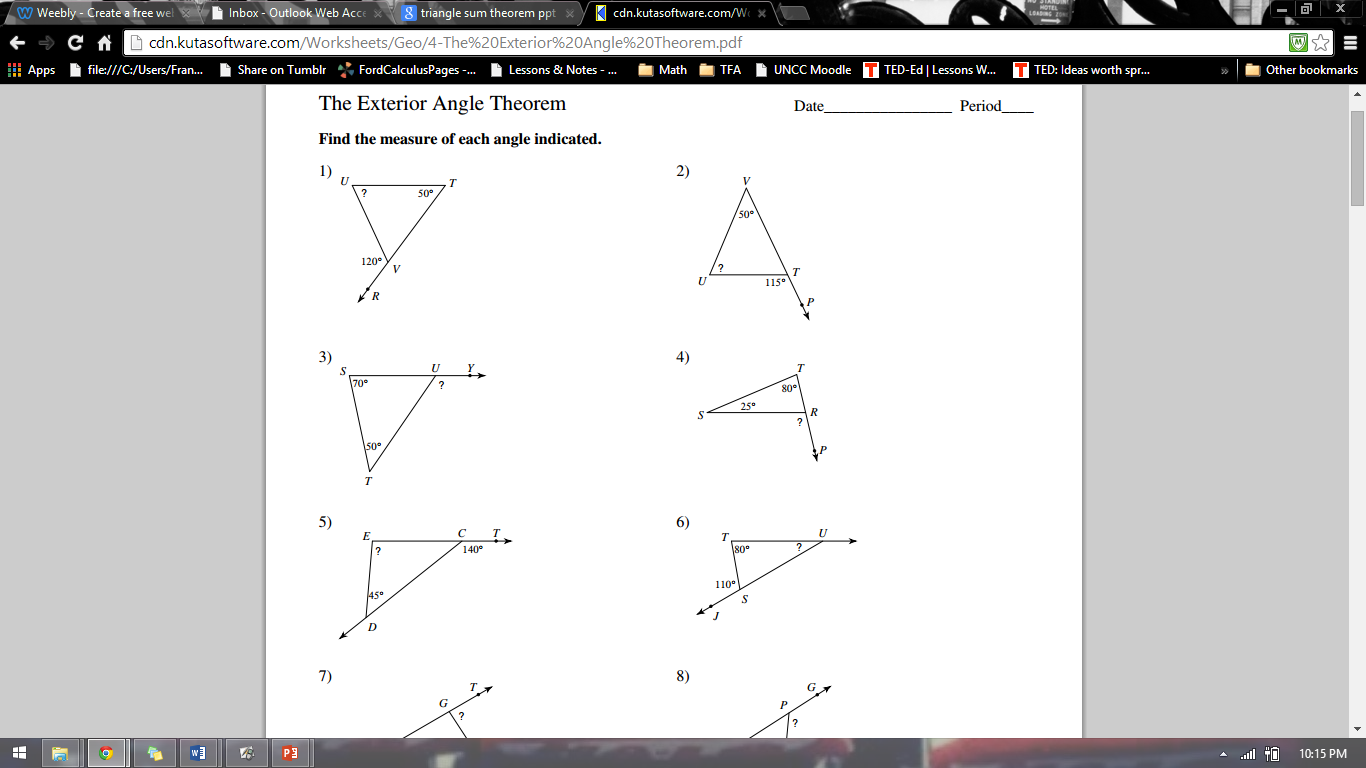
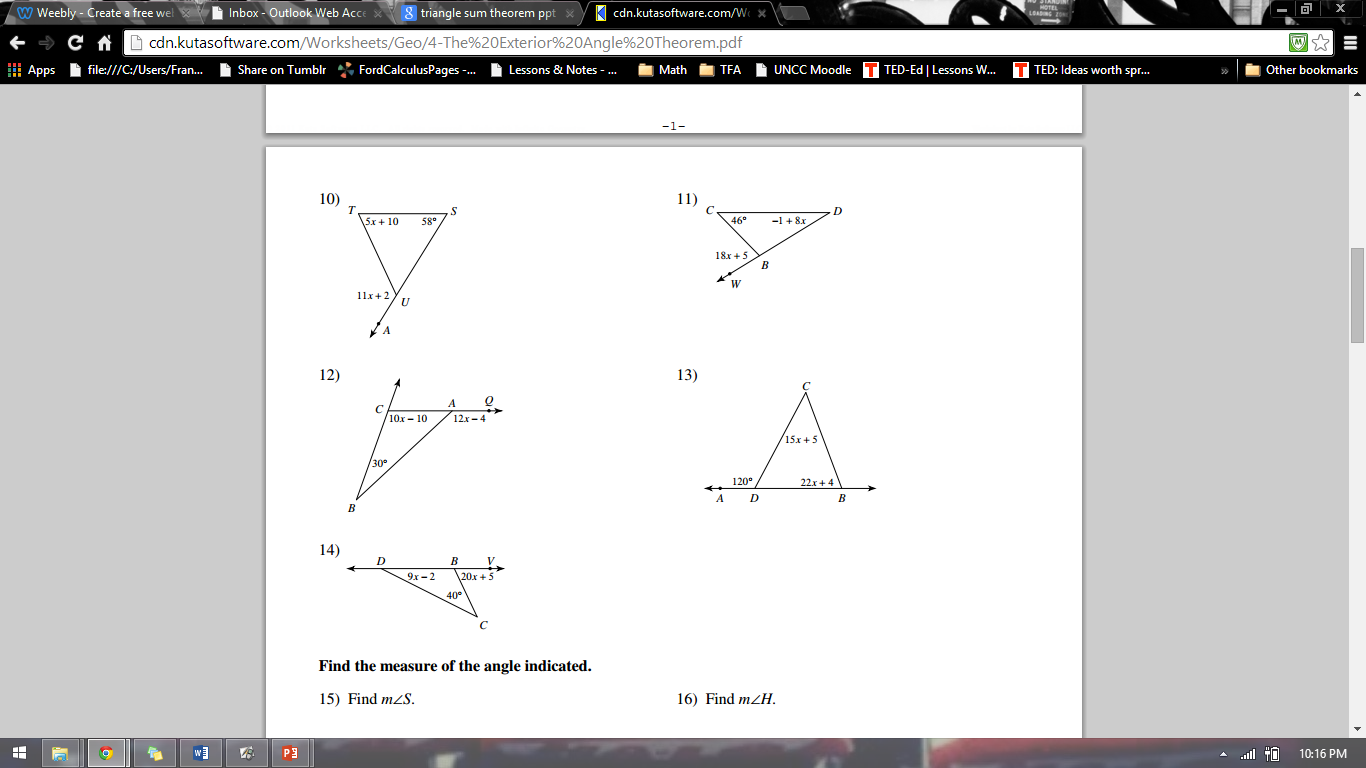
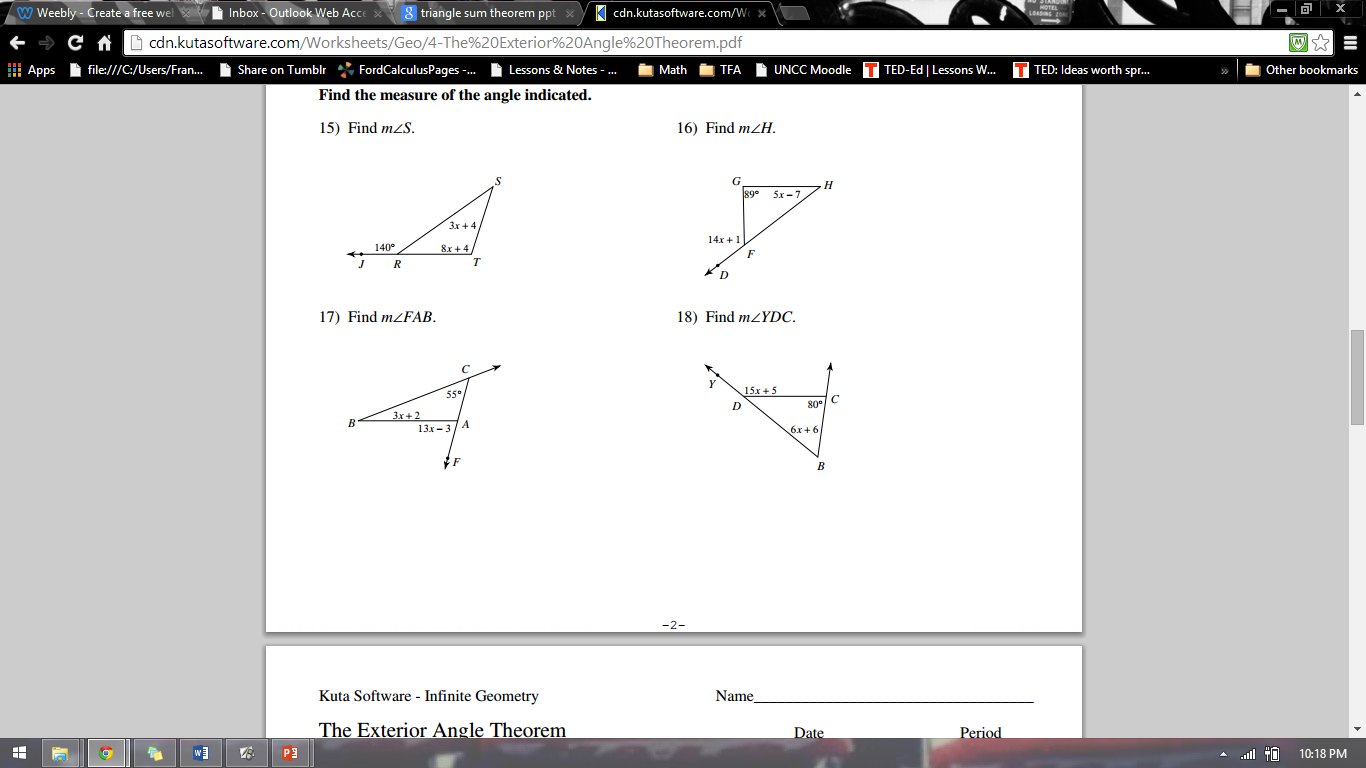
**Unit 5: #4 Exterior Angle Theorem**

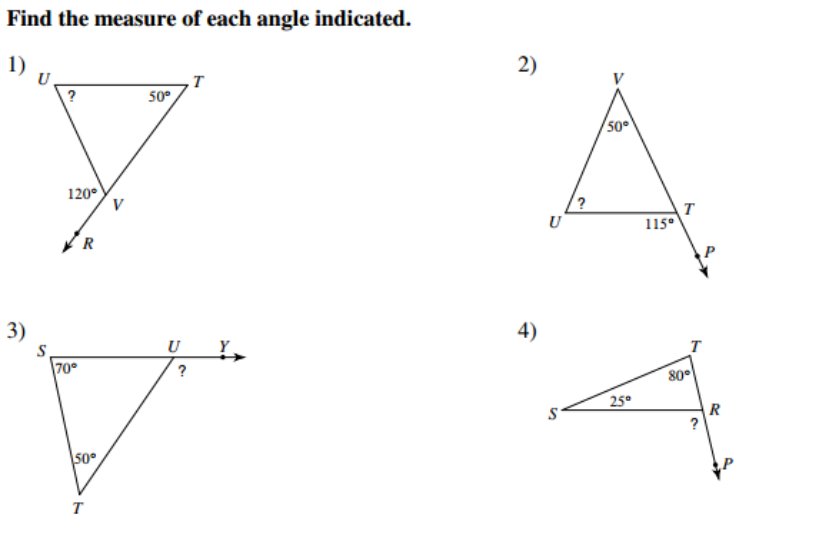
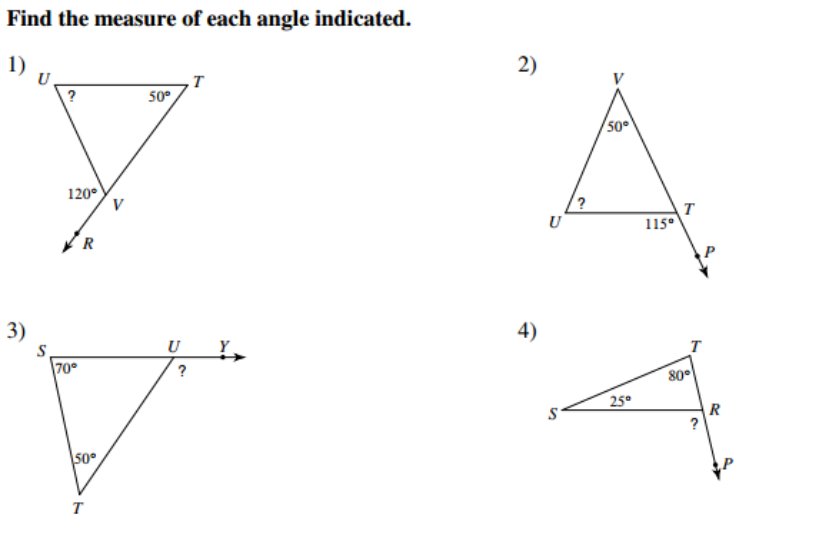
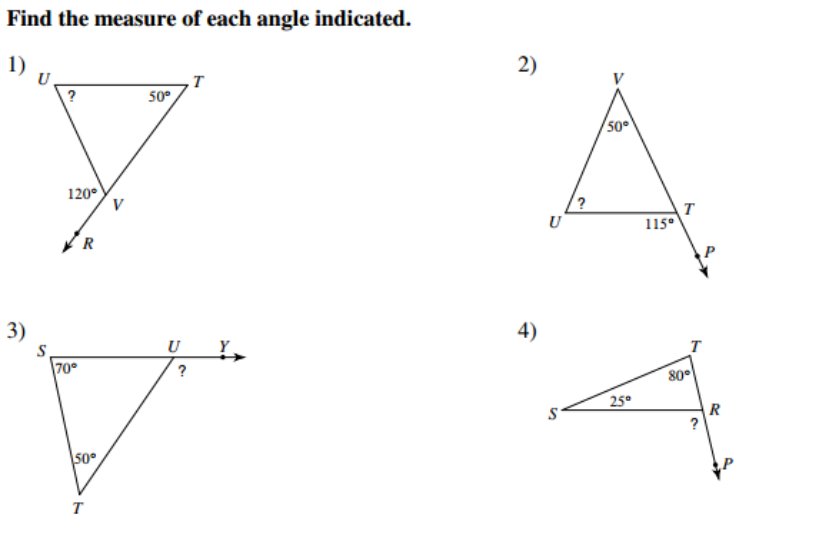
|  |  |  |
| --- | --- | --- |
| **EXTERIOR ANGLE THEOREM (REMOTE INTERIOR ANGLE THEOREM)** | | |
| **Definition** | **Numbers** | **Algebra** |
| The measure of an exterior angle of a triangle is the sum of the remote interior angles | http://proofsfromthebook.com/wp-content/uploads/2012/12/exterior-angle-theorem.png  \_\_\_\_ + \_\_\_\_ = \_\_\_\_ | http://www.freemathhelp.com/images/lessons/exterior1.gif  \_\_\_\_ + \_\_\_\_ = \_\_\_\_ |

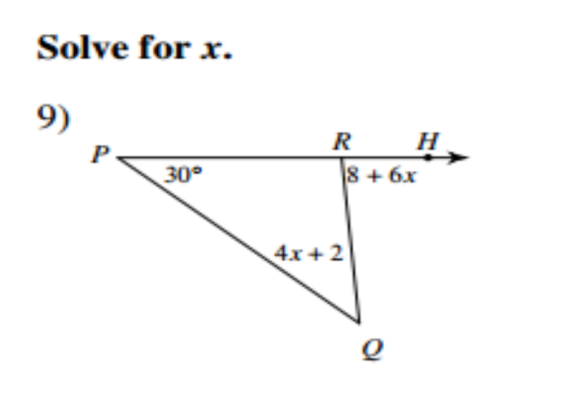
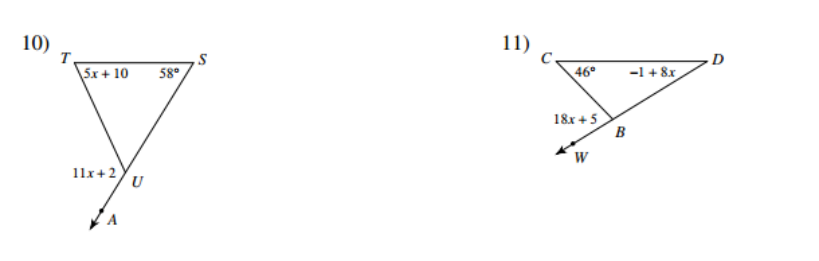
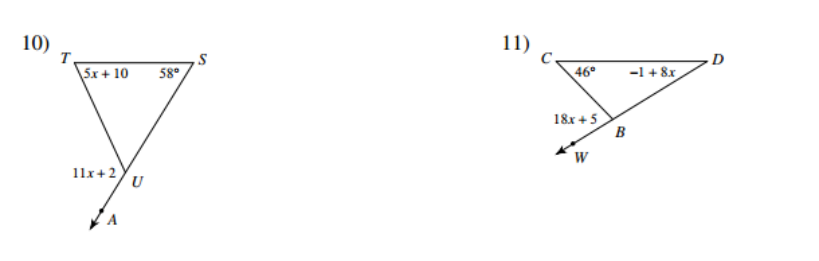
**Example Problems:**

1. Find the missing angle. 2. Solve for x. 3. Find the m∠H.

**WHITEBOARD PRACTICE!**

    
**Find the measure of the angle indicated.**  
 