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

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| **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.**
 