**Secondary Math 2 2.2 Homework Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_**

**Triangle Proportionality and Angle Bisector Theorem**

**Conceptual Understanding:**

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|  | Solve for x. Justify your answer. |  | Solve for x. Justify your answer. |

**Review Problems:**

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| --- | --- | --- | --- |
|  | Find $m∠B$, and $m∠C$. |  | Find $m∠A$, $m∠B$, and $m∠ACB$. |
|  | Find $m∠B$, $m∠C$, and $m∠D$. |  | Solve for *x* given $\overbar{NO} $is a midsegment of the triangle.  |

**Extended Understanding:**

|  |  |  |  |
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|  | Find the length of $\overbar{EC}$. |  | Find the lengths of $\overbar{CD} and \overbar{BD}$. |