Name:	Date:	Block:
	Section 8.1: Geometric Med	n
<u>Geometric Mean:</u> In the follow <u>a</u> = <u>x</u> , th x b	ving example, if <i>a, b,</i> and <i>x</i> are po hen x is called the	ositive numbers, and
Example 1: What is the geometric mean between and	Example 2: What is the geometric mean between and	Example 3: is the geometric mean between 2 & what number?
$\sum_{i=1}^{N}$ Recall: An altitude of a trian vertex to a line containing the	<i>angle is a</i> opposite side. DRAW AN EXAMP	from a ?LE:

<u>Theorem 8-1:</u> If the altitude is drawn to the \_\_\_\_\_\_ of a right triangle, then the two triangles formed are \_\_\_\_\_\_ to the original triangle and to each other.

Ex. 1: ΔBAC~\_\_\_\_~





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Hint: \_\_\_\_\_

