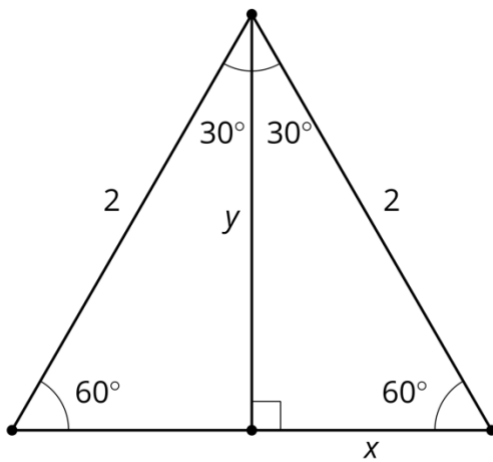


## Unit 4 Lesson 3 Classwork

### Lesson 3: Half an Equilateral Triangle

#### 3.2: Decomposing Equilateral Triangles

1. Here is an equilateral triangle with side length 2 units and an altitude drawn. Find the values of  $x$  and  $y$ .



2. Make a conjecture about side lengths in “half equilateral triangles.”

### 3.3: Generalize Half Equilateral Triangles

Calculate the lengths of the 5 unlabeled sides.

