

Name: _____

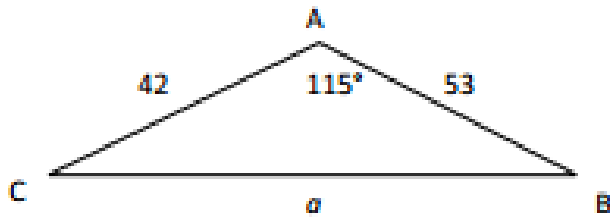
Date: _____

Period: _____

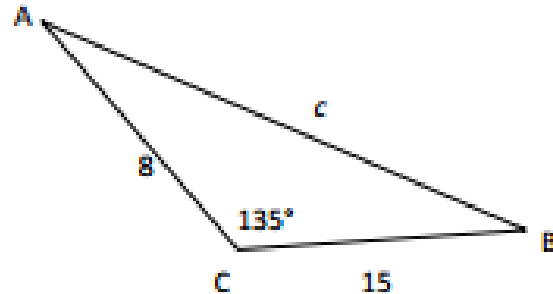
Mr. Valentino

Law of Cosines Day 1 Homework!

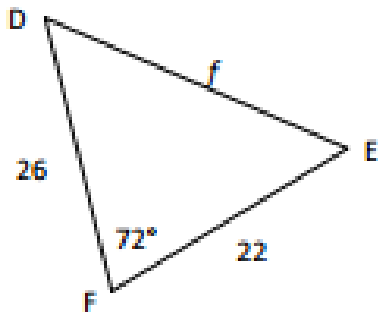
1. For $\triangle ABC$ find a to the nearest hundredth.



2. For $\triangle ABC$ find c to the nearest hundredth.



3. For $\triangle DEF$ find f to the nearest hundredth.



4. For $\triangle ABC$ find the length of a to the nearest hundredth, given $b = 8$, $c = 23$, and $m\angle A = 29^\circ$.

5. For $\triangle ABC$ find the length of c to the nearest hundredth, given $a = 54$, $b = 47$, and $m\angle C = 85^\circ$.