

Quiz 10**Algebra & Trig****12/2/03**

Each problem is worth 5 points. For full credit indicate clearly how you reached your answer.

1. If a triangle (with the usual labeling) has measurements $a = 20$, $b = 14$, and $\beta = 20^\circ$, use the Law of Sines to find the measure of angle α .

2. If a triangle (with the usual labeling) has measurements $a = 2$, $b = 5$, and $c = 4$, use the Law of Cosines to find the measure of angle γ .