Algebra II

Solve each triangle. Give lengths to three significant digits and angle measures to the nearest tenth of a degree. (pg 594)

1) (6 on orals)

$a = 17$
$\angle B = 20°$
$\angle C = 60°$

11) (16 on orals)

$b = 14$
$c = 18$
$\angle B = 50°$

Give lengths to three significant digits and angle measures to the nearest tenth of a degree.

1) Two planes leave an airport at the same time, one flying at 300 km/h and the other at 420 km/h. The angle between their flight paths is 75º. After 3 hours, how far apart are they?