Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

***Integrated 3 w/ MA - Review Sheet for quiz***

**#1-5: Solve each triangle that exists. Include sketches of the triangles.**

1. , , 
2. , , 
3. , , 
4. , , 
5. , , 
6. Martha wants to know how tall her house is. She figures out the angle of elevation from

her eye to the top of the house is 34°. From her eyes to the ground is 60 inches. She decides to walk 10 ft closer to the house and now figures out the angle of elevation to the

top of the house is 62°. How tall is Martha’s house?

(We did this problem in Section 4.3 using only right triangles. We set up a system of equations to solve for the

height of Martha’s house. Can you now do this problem another way (using Laws of Sines and/or Laws of

Cosines)?