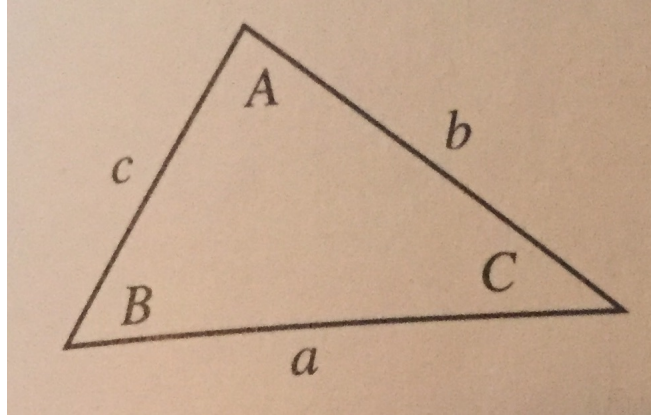# Math 116
Homework 08

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14.3

Consider the following triangle.

2. If $a = 6$, $b = 5$, and $C = 60°$, solve the triangle.

4. Let $C = 20°$, $c = 2$, and $b = 5$. Find two triangles with these measures. Draw the triangles.

15.1

2. Write $\cos^5(x)$ as $cos(x) \cdot$ (some function of $\sin(x)$)

4. Write $\sec^7(x)$ as $\sec^2(x) \cdot$ (some function of $\tan(x)$).

6. Calculate $\cos(120°)$ and $\sin(15°)$ using the sum and/or difference formulas.