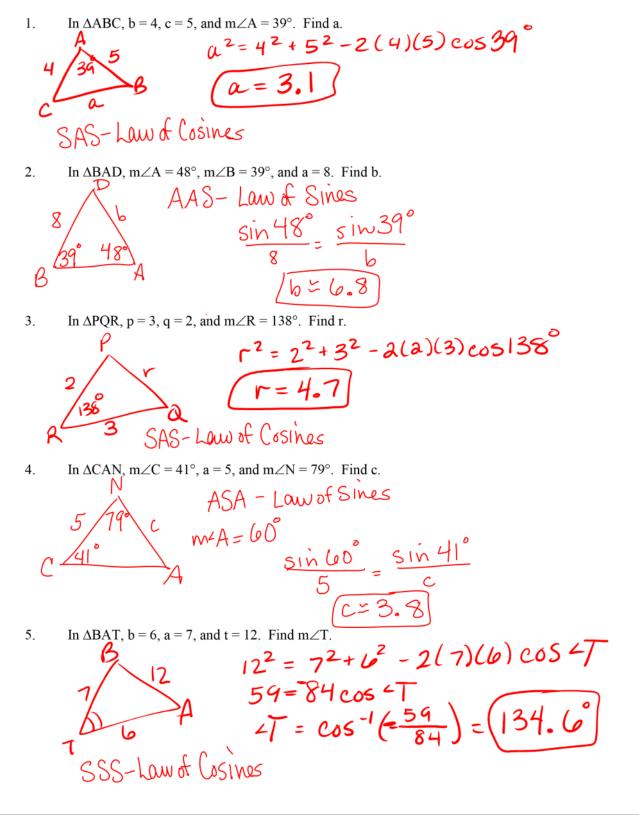
Practice KEY

Tuesday, January 19, 2016 12:59 PM

Precalculus 5.6 – Law of Sines/Cosines/Triangle Area Practice

Name

- A) Determine what information is given about the triangle.
- B) Determine whether to use the Law of Sines or the Law of Cosines to find the answer.
- C) Find the length of the side or the measure of the angle indicated. Round to the nearest 10th.



6. In $\triangle GON$, if g = 8, o = 3, and n = 12. Find $m \ge N$. $12^2 = 3^2 + 8^2 - 2(3)(8) \cos 4N$ $7/ = -48\cos 4N$ $N = \cos^{-1}(-\frac{71}{48}) = No solution!$ Not $a \bigtriangleup - Why ???$

SSS-Law of Cosines

Find the area of the given triangle. Round to the nearest hundredth.

