MCR 3U Chapter 5 Test Review and Formula Page

$a^{2}=b^{2}+c^{2}-2bc(cosA) $ $\frac{a}{\sin(A)}= \frac{b}{\sin(B)}= \frac{c}{\sin(C)}$

$tanx=\frac{sinx}{cosx}$ $sin^{2}x+cos^{2}x=1 $

If angle A is acute and a < h, no triangle exists

If angle A is acute and h < a < b two triangles exist

Knowledge: Primary and secondary trig rations, Special triangles expressions,

Application: CAST rule questions, sine law and cosine law

Thinking: trig identities, 3D triangle question

Review Questions: pg. 338 #s 1 – 5 , 7, 9, 10 – 13

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