
Subject: Re: Math Question #1

Posted by [CarrierII](#) on Sun, 09 Nov 2008 18:05:58 GMT

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My point about the "some number / some other number thing" was that the numerator doesn't matter, for small values of X, the denominator will always be a small fraction, and so the limit will always be +infinity even if the numerator is a fraction...

Oh: I should add (otherwise my reasoning is flawed) that for $X < 33$ degrees the numerator > denominator for this. I got that from trial and error informed by some graphs, but you could prove it by solving

$\sin(5X) > 2 - 2\cos X$ and find the values for which it is true.
