

# Proof for Week 6

Due on Thursday, October 18<sup>th</sup>

Here is a limerick that satisfies the following mathematical equation:

$$\int_1^{\sqrt[3]{3}} t^2 dt \times \cos\left(\frac{3\pi}{9}\right) = \ln(\sqrt[3]{e})$$

The integral of t squared dt  
from one to the cube root of three  
times the cosine  
of three pi over nine  
is the log of the cube root of e

1. Turn this mathematical equation into a limerick.

$$\frac{12 + 144 + 20 + (3 \times \sqrt{4})}{7} + 5 \times 11 = 9^2 + 0$$

2. Create your own mathematical limerick! Be creative!