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This is the end of the course. Let's finish with a limerick<sup>2</sup> :

$$\int_1^{\sqrt[3]{3}} v \cdot v \, dv \cos\left(\frac{3\pi}{9}\right) = \ln(\sqrt[3]{e})$$

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<sup>2</sup>Translation:

Integral  $v$  times  $v \, dv$ ,  
From 1 to the cube root of 3,  
Times by the cosine,  
Of three pi by 9,  
Is log of the cube root of  $e$ .