

Mathematics-Science 380 – History of Mathematics
Trent University, 2006–2007

Assignment #5

Due in the week of 27 November, 2006.

1. Chapter 16 Exercise 1 [7]
2. Chapter 18 Exercise 2 [7]
3. Chapter 19 Exercise 2 [6]

Equation Limericks

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

a dozen, a gross, plus a score
plus three times the square root of four
divided by seven
plus five times eleven
is nine squared (and not a bit more)

Posted to `sci.math` by Rajeev Krishnamoorthy on 1992.04.23.

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

The integral tee squared dee tee
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.

A slight variation of a limerick posted to `sci.math` by Gerald Edgar on 1992.04.17 (just the equation) and 1992.04.21 (with the words).