

he United States of America was wrenched from the core of the 18th Century—the “[Age of Enlightenment](#).” The journey began quietly with the scratching of a quill pen and then was thrust home at the point of a bayonet. *Guttering candles at writing desks bloomed into torches leading ragged troops across frozen fields in the dead of night.* [2] [Equation 3](#) The scholarly treatises of John Locke and admonitions of Jean-Jacques Rousseau were replaced with hurriedly *scribbled* marching orders, the simple words in soldiers’ diaries, and carefully penned documents of conscience and principal. [1]

$$\lim_{x \rightarrow 0} \frac{\sin x}{x} = 1 \tag{1}$$

$$e = \frac{hc}{\lambda} \tag{2}$$

λ = wavelength of the photon

$$n_v dv = n_0 4\pi v^2 e^{-\frac{mv^2}{2K_B T}} dv \tag{3}$$

$$\int_0^5 3(x^2 + x)dx = 3 \int_0^5 (x^2 + x)dx \tag{4}$$

$$= 3 \int_0^5 x^2 dx + 3 \int_0^5 x dx \tag{5}$$

$$= \frac{325}{2} \tag{6}$$

$$= 162.5 \tag{7}$$

o a

o b

o c

1. d

2. e

3. f

Bibliography

- [1] BERNSTEIN, A. J. Analysis of programs for parallel processing. *IEEE Transactions on Electronic Computers EC-15*, 5 (1966), 757–763.
- [2] DARYAEE, T. *Sasanian Persia: The Rise and Fall of an Empire*. Bloomsbury Publishing, 2014.