Exercise 1

Completed

Exercise 2

Prefix	Name	Associated Power of 10
n	nano	10^-9
u	micro	10^-6
m	milli	10^-3
С	centi	10^-2
d	deci	10^-1
base	base	10^0
da	deca	10^1
h	hecto	10^2
k	kilo	10^3
М	meg	10^6
G	giga	10^9
Т	tera	10^12

Exercise 3

Statue of Liberty = 305 ft

Earth to Moon = 384.4 million miles

Earth to Moon (in feet) = 2029632000000 ft

Earth to Moon (in feet)/Statue of Liberty (in feet) = 6654531147.54 Statues of Liberty

Exercise 4

5.432e14 u sec (micro seconds)

= 5.432 * 10^14

= 543,200,000 seconds

543,200,000 seconds to years = ~17.22 years

Exercise 5

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$$f \times (A - b \cdot c - c)^{2}/f = g \times f$$

$$-a$$

$$/-b$$

$$(d - e \cdot x)^{2} = gf - a$$

$$-b$$

$$(d - e \cdot x)^{2} \ln(c) = \ln\left(\frac{2f - a}{-b}\right)$$

$$-c \quad (d - e \cdot x)^{2} \ln(c) = \frac{\ln\left(\frac{2f - a}{-b}\right)}{\ln(c)}$$

$$e$$

$$f \times = d \pm \frac{\ln\left(\frac{2f - a}{-b}\right)}{\ln(c)}$$

$$e$$

$$f \times = d \pm \frac{\ln\left(\frac{2f - a}{-b}\right)}{\ln(c)}$$

Exercise 6
Completed