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The following rules have been established by the Office of the President in accordance with



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7. $\int_0^1 x^2 dx = \frac{1}{3}$ $\int_0^1 x dx = \frac{1}{2}$ $\int_0^1 1 dx = 1$

8. $\int_0^1 x^3 dx = \frac{1}{4}$ $\int_0^1 x^2 dx = \frac{1}{3}$ $\int_0^1 x dx = \frac{1}{2}$ $\int_0^1 1 dx = 1$

9. $\int_0^1 x^4 dx = \frac{1}{5}$ $\int_0^1 x^3 dx = \frac{1}{4}$ $\int_0^1 x^2 dx = \frac{1}{3}$ $\int_0^1 x dx = \frac{1}{2}$ $\int_0^1 1 dx = 1$

10. $\int_0^1 x^5 dx = \frac{1}{6}$ $\int_0^1 x^4 dx = \frac{1}{5}$ $\int_0^1 x^3 dx = \frac{1}{4}$ $\int_0^1 x^2 dx = \frac{1}{3}$ $\int_0^1 x dx = \frac{1}{2}$ $\int_0^1 1 dx = 1$

11. $\int_0^1 x^6 dx = \frac{1}{7}$ $\int_0^1 x^5 dx = \frac{1}{6}$ $\int_0^1 x^4 dx = \frac{1}{5}$ $\int_0^1 x^3 dx = \frac{1}{4}$ $\int_0^1 x^2 dx = \frac{1}{3}$ $\int_0^1 x dx = \frac{1}{2}$ $\int_0^1 1 dx = 1$



11. $f(x) = x^2 + 2x + 1$ and $g(x) = x^2 - 2x + 1$ are two functions. Find $(f+g)(x)$ and $(f-g)(x)$.

$(f+g)(x) = (x^2 + 2x + 1) + (x^2 - 2x + 1)$
 $= x^2 + 2x + 1 + x^2 - 2x + 1$
 $= 2x^2 + 2$

$(f-g)(x) = (x^2 + 2x + 1) - (x^2 - 2x + 1)$
 $= x^2 + 2x + 1 - x^2 + 2x - 1$
 $= 4x$

12. $f(x) = x^2 + 2x + 1$ and $g(x) = x^2 - 2x + 1$ are two functions. Find $(fg)(x)$ and $(f/g)(x)$.



B. DESIGNATION OF UTHEALTH-OWNED BUILDINGS AND FACILITIES

Updated 1/1/2017

The designations below were developed on the basis of the general rules and principles listed in Section A above. A campus map indicating designation of buildings is below. The buildings listed below comprise the current inventory of UTHealth Houston-owned buildings. The list will be updated as appropriate.

1. The following buildings are designated as research buildings:

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1. $\frac{1}{2} \times 10,000 = 5,000$
 2. $\frac{1}{2} \times 10,000 = 5,000$
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 6. $\frac{1}{2} \times 10,000 = 5,000$
 7. $\frac{1}{2} \times 10,000 = 5,000$
 8. $\frac{1}{2} \times 10,000 = 5,000$
 9. $\frac{1}{2} \times 10,000 = 5,000$
 10. $\frac{1}{2} \times 10,000 = 5,000$

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 10. $\frac{1}{2} \times 10,000 = 5,000$



ⁱ A lockable safe or secure storage container specifically designed to protect a handgun from access by anyone other than the licensed owner. The container must fully contain the handgun and provide sufficient defense to unauthorized access. It is recommended that the safe or residential security container meet Underwriters Laboratories Residential Security Container rating standards and ASTM International F2456-04 standards for Youth Resistant Firearms Containers.