

Mu Alpha Theta 2010

Calculus Applications Answers:

1. 9
2. 128 feet
3. $e^e - e$
4. 6
5. $41m^2 / s$
6. $2\left(\frac{3}{2}\right)^5 = 15.1875$
7. $\frac{1}{2}$
8. $2a - b$
9. $\frac{e^2 - 1}{2}$
10. 3
11. 2π
12. 3
13. $\frac{3}{7}$
14. 12
15. 12,500
16. 2
17. 1523.810 mile-tons
18. 65 pounds of sugar
19. .044 dollars per year
20. .219 vertical feet per horizontal foot