

RESPUESTAS LAB 14

2. $y = 4x^{5/2} + 4x^{3/2} + 4x - 12$

3.a) $6x(f(3x^2)\cos(3x^2+1))$

b) $-\text{sen}(2f(x)+x)(2f'(x)+1)$

4. a) $\frac{4}{3}(\sqrt{x} + 1)^{3/2} + C$

b) $-\sqrt{1 + \cos^2(x)} + C$

c) $\frac{(x^2+1)^{5/2}}{5} - \frac{(x^2+1)^{3/2}}{3} + C$

d) $\frac{2(x+1)^{5/2}}{5} - \frac{4(x+1)^{3/2}}{3} + C$

e) 2

f) -2