Math 1710: Tutorial 8 (integration: substitutions, integration by parts, trigonometric integrals) - answers

2(b). $\dfrac{1}{7}\cos^6 x \sin x + \dfrac{6}{35}\cos^4 x \sin x + \dfrac{8}{35}\cos^2 x \sin x + \dfrac{16}{35}\sin x + c$

3. $\dfrac{1}{4}\tan^4 x - \dfrac{1}{2}\tan^2 x - \ln|\cos x| + c$