## Section 15.3, Problem 14 ( Pts)

You can use the following fact:

$$\int \cos^4(\theta)\, d\theta = \frac{12\theta + 8\sin(2\theta) + \sin(4\theta)}{32}.$$

## Section 15.3, Problem 18 ( Pts)

You can use the following facts:

$$\int (1+\cos\theta)^2\, d\theta = \frac{6\theta + 8\sin\theta + \sin(2\theta)}{4}$$

and

$$\int \cos^2(\theta)\, d\theta = \frac{\theta + \sin(\theta)\cos(\theta)}{2}.$$